

DAFTAR LAMPIRAN**Lampiran 1 – Daftar Riwayat Hidup****Data Pribadi**

Nama : Taufan Syahrudin

Tempat, Tanggal Lahit : Jakarta, 5 November 1999

Jenis Kelamin : Laki-Laki

Agama : Islam

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Riwayat Pendidikan

Periode (Tahun)	Sekolah / Istitusi	Jurusan	Jenjang Pendidikan
2006 - 2012	SDI Al-Mukhlisin Jakarta	-	SD
2012 - 2014	Pondok Pesantren Latansa Banten	-	SMP
2014 - 2015	SMP Muhammadiyah 1 Klaten	-	SMP
2015 - 2018	MAN 12 Jakarta	IPA	SMA

Lampiran 2 – Data Wawancara Warga– juni 2022

Name : Anditta Pritania

Pekerjaan: Rumah tangga

Umur : 24

1. Darimana ibu mengetahui bidan praktek ?
dari dekat rumah dan google map
2. Apakah ada bidan yang dekat dengan rumah ibu ?
ada, bidan Tri Setyo Utami
3. Apakah ibu kesulitan dalam mencari bidan ?
tidak kalau dekat, tetapi jika jauh sulit, dan takut tidak cocok
4. Ada berapa banyak praktek bidan yang ibu ketahui ?
mengetahui 5 bidan karena dekat
5. Apakah ibu mengetahui semua informasi mengenai praktik bidan mandiri seperti pelayanan, jam praktik, dst ?
ada beberapa yang tau
6. Diantara rumah sakit, puskesmas, dan bidan praktek, ibu lebih pilih yang mana pada saat pemeriksaan ibu dan anak?
Puskesmas, karena ada BPJS
7. Kriteria/alasan apa yang membuat ibu memilih praktek bidan ?
Bidan, yang berpengalaman, traten, punya banyak pengetahuan
8. Apakah menurut ibu praktek bidan sudah sangat dikenal masyarakat atau tidak ?
sudah
9. Apakah buku KIA mempermudah ibu dalam mengetahui pemeriksaan yang sudah di lakukan ?
iya, karena untuk melihat riwayat pemeriksaan sebelumnya
10. Apakah ibu sering lupa membawa buku KIA (buku pink) saat periksa kehamilan atau imunisasi ?
Pernah lupa bawa
11. Apakah buku KIA ibu sering mengalami kerusakan seperti sobek atau basah ?
iya, robek beberapa lembar
12. Aplikasi seperti apa yang membuat ibu sukai atau nyaman digunakan ?
Mudah mengetik, terdapat informasi yang lengkap.
mudah diakses.

Jakarta,.....

Anditta

(Anditta . P)

Name : MONICA Rujastuti

Pekerjaan: IPT

Umur : 50 th.

1. Darimana ibu mengetahui bidan praktek ?
Dari tetangga dan teman
2. Apakah ada bidan yang dekat dengan rumah ibu ?
ada
3. Apakah ibu kesulitan dalam mencari bidan ?
Bak, karna udah pernah
4. Ada berapa banyak praktek bidan yang ibu ketahui ?
5 praktik bidan
5. Apakah ibu mengetahui semua informasi mengenai praktik bidan mandiri seperti pelayanan, jam praktik, dst ?
tidak semua di ketahui
6. Diantara rumah sakit, puskesmas, dan bidan praktek, ibu lebih pilih yang mana pada saat pemeriksaan ibu dan anak?
Bidan Praktek karna dekat
7. Kriteria/alasan apa yang membuat ibu memilih praktek bidan ?
karna dekat, lebih praktis
8. Apakah menurut ibu praktek bidan sudah sangat dikenal masyarakat atau tidak ?
sudah,
9. Apakah buku KIA mempermudah ibu dalam mengetahui pemeriksaan yang sudah di lakukan ?
iya sangat mempermudah
10. Apakah ibu sering lupa membawa buku KIA (buku pink) saat periksa kehamilan atau imunisasi ?
iya sering lupa
11. Apakah buku KIA ibu sering mengalami kerusakan seperti sobek atau basah ?
tidak karna dirawat dengan baik
12. Aplikasi seperti apa yang membuat ibu sukai atau nyaman digunakan?
mudah digunakan, informasi yang dicakup memadai

Jakarta.....

Monica Rujastuti
(Monica Rujastuti)

Lampiran 3 – Data Wawancara Praktik Mandiri Bidan

Nama PMB : Ida Ayu Ariniti
 Alamat : Jl. Uhir 2 Rt/05/Rw/06 no. 1
 Umur : 56

1. Apakah PMB sudah dikenal oleh masyarakat?
cukup dikenal
2. Menurut ibu, apakah masyarakat lebih suka periksa ke PMB atau puskesmas dan rumah sakit?
Puskesmas, ~~RS~~
3. Apa alasan masyarakat lebih suka ke puskesmas/RS ke timbang pmb?
karena ada Perayaan BPJS
4. Usaha apa yang sudah ibu lakukan untuk mempromosikan PMB ibu?
Mempromosikan ke masyarakat
5. Apakah seorang bidan mudah untuk membuka Praktek mandiri?
tidak begitu sulit tetapi harus memenuhi beberapa persyaratan
6. Berapakah jumlah pasien di PMB ibu?
30 pasien
7. Apakah Jumlah pasien mengalami peningkatan setiap tahun atau tidak?
iya mengalami penurunan
8. Kenapa pasien mengalami penurunan?
karena ada BPJS
9. Usaha apakah yang sudah ibu lakukan untuk mengatasi itu?
tetap mempromosikan bidan
10. Apakah pasien masih kesulitan untuk menemukan praktik mandiri bidan ibu?
kadang-kadang ada beberapa.
11. Bagaimana proses pemeriksaan ibu hamil?
- Pasien melakukan, timbang berat badan
- melakukan konsewing kehamilan
- mengukur tekanan darah
- tes lab
- foto pemeriksaan kehamilan
12. Bagaimana proses pemeriksaan bayi setelah dilahirkan?
bayi baru lahir akan diperkesan dari kepala hingga kaki
13. Bagaimana proses imunisasi?
Imunisasi dilakukan ketika lahir dan setiap bulan, dan pada bulan 9, 18
14. Apakah sering terjadi buku KIA hilang atau rusak?
terkadang ada beberapa pasien yang seperti itu

15. Apakah hal itu mengganggu proses pemeriksaan?

Ya, sangat mengganggu

16. Bagaimana cara mengetahui data pemeriksaan pasien jika buku hilang atau rusak?

kembali ke tempat pemeriksaan sebelumnya



Ida Ayu Ariniti

Nama PMB : Fai Zah
 Alamat : Jl. Nirwana utara, kec. kembangan jakbar
 Umur : 47

1. Apakah PMB sudah dikenal oleh masyarakat? sudah
2. Menenurut ibu, apakah masyarakat lebih suka periksa ke PMB atau puskesmas dan rumah sakit? Puskesmas
3. Apa alasan masyarakat lebih suka ke puskesmas/RS ke timbang pmb? Karna di Puskesmas melayani BPJS
4. Usaha apa yang sudah ibu lakukan untuk mempromosikan PMB ibu? - Pengadaan beberapa pelayanan pijat bayi
5. Apakah seorang bidan mudah untuk membuka Praktek mandiri?
- tidak terlalu sulit
6. Berapakah jumlah pasien di PMB ibu?
- Perbulan 100 Pasien
7. Apakah Jumlah pasien mengalami peningkatan setiap tahun atau tidak?
- Ya, Ya, Penurunan
8. Kenapa pasien mengalami penurunan? Karna Pasien lebih dominan memafat BPJS
9. Usaha apakah yang sudah ibu lakukan untuk mengatasi itu? Pengadaan BPJS
10. Apakah pasien masih kesulitan untuk menemukan praktik mandiri bidan ibu?
- tidak
11. Bagaimana proses pemeriksaan ibu hamil?
- timbang berat badan dan ukur tinggi badan
- ukur tekanan darah
- Mial status gigi
- ukur tinggi fundus uteri
- denger detak jantung janin
- beri tablet tambah darah
- tes lab
- tata laksana
- konseling
12. Bagaimana proses pemeriksaan bayi setelah dilahirkan?
- Bayi baru lahir juga akan mendapatkan pemerk-
saan dari kepala hingga ujung kaki dan dokter pada setiap fungsian, pemeriksaan ini meliputi pemeriksaan telinga, mata, mulut, kulit, jantung pan
Semua akan di Periksa. BB, APB
13. Bagaimana proses imunisasi?
- imunisasi dapat membantu terbentuknya anti bodi
Setelah tubuh yang sehat menerima vaksin
basis antigen tertentu
14. Apakah sering terjadi buku KIA hilang atau rusak?
- Big buku KIA anda hilang, maka tentu hal ini
bisa menuntut dokter atau bidan untuk
mengetahui riwayat kesehatan anda dan jamin
dalam kandungan anda

15. Apakah hal itu mengganggu proses pemeriksaan?

- *Ya, mengganggu karena proses pemeriksaan memerlukan riwayat Ibu hamil*

16. Bagaimana cara mengetahui data pemeriksaan pasien jika buku hilang atau rusak?

*Kembali
- menanyakan ke pasien riwayat sebelum nya.*

Jakarta,.....



Lampiran 4 – Source Code Bidan dan LBS (index.dart)

```
import 'package:cloud_firestore/cloud_firestore.dart';
import 'package:flutter/material.dart';
import 'package:geolocator/geolocator.dart';
import 'package:map_flutter/Page/bidan.dart';
import 'package:map_flutter/Page/home.dart';
import 'package:map_flutter/widgets/custom_list_tile.dart';
import '../shared/theme.dart';

class ListBidan extends StatefulWidget {
  const ListBidan({super.key});

  @override
  State<ListBidan> createState() => _ListBidanState();
}

class _ListBidanState extends State<ListBidan> {
  Position? _currentUserPosition;
  double? distanceImMeter = 0.0;
  String name = "";

  Future getTheDistance() async {
    var collection = FirebaseFirestore.instance.collection('bidan');
    var querySnapshots = await collection.get();
    _currentUserPosition = await Geolocator.getCurrentPosition(
      desiredAccuracy: LocationAccuracy.high);
    print(_currentUserPosition);
    FirebaseFirestore.instance
      .collection('bidan')
      .get()
      .then((QuerySnapshot querySnapshot) {
        for (var doc in querySnapshot.docs) {
          distanceImMeter = Geolocator.distanceBetween(
            _currentUserPosition!.latitude,
            _currentUserPosition!.longitude,
            double.parse(doc['latitude']),
            double.parse(doc['longitude']),
          );

          var distance = distanceImMeter?.round().toInt();
          var jumlah = (distance! / 1000).toString();

          for (var i = 0; i < querySnapshots.docs.length; i++) {
            doc.reference.update({'distance': jumlah});
          }
        }
      });
  }
}
```



```
        setState(() {});
    });
}

@override
void initState() {
    determinePosition();
    getTheDistance();
    super.initState();
}

@override
Widget build(BuildContext context) {
    final Stream<QuerySnapshot> bidanStream =
    FirebaseFirestore.instance
        .collection('bidan')
        .orderBy('distance', descending: false)
        .snapshots();

    return Scaffold(
        body: SafeArea(
            child: SingleChildScrollView(
                scrollDirection: Axis.vertical,
                child: Stack(
                    children: [
                        Container(
                            width: double.infinity,
                            height: 200,
                            decoration: const BoxDecoration(
                                image: DecorationImage(
                                    fit: BoxFit.cover,
                                    image: AssetImage(
                                        'assets/bagrountbidan.png',
                                    ),
                                ),
                            ),
                        child: Container(
                            width: 75,
                            height: 120,
                            margin: const EdgeInsets.only(top: 50),
                            child: Column(
                                children: [
                                    Row(
                                        children: [
                                            Container(
                                                width: 54,
                                                height: 54,
```

```

margin: const EdgeInsets.only(left: 20),
decoration: BoxDecoration(
  shape: BoxShape.circle,
  color: whiteColor,
  image: const DecorationImage(
    fit: BoxFit.cover,
    image: AssetImage(
      'assets/mapbidan.png',
    ),
  ),
),
),
),
const SizedBox(
  width: 20,
),
Column(
  mainAxisAlignment:
MainAxisAlignment.center,
  crossAxisAlignment:
CrossAxisAlignment.start,
  children: [
    const SizedBox(
      height: 10,
    ),
    Text(
      "Daftar Praktek Mandiri Bidan",
      style: whiteTextStyleSB.copyWith(
        fontSize: 16, fontWeight: bold),
      overflow: TextOverflow.ellipsis,
    ),
    const SizedBox(
      height: 5,
    ),
    Text(
      "Jarak Terdekat",
      style: whiteTextStyleSB.copyWith(
        fontSize: 14, fontWeight:
light),
      overflow: TextOverflow.ellipsis,
    ),
    const SizedBox(
      height: 10,
    ),
  ],
)
],
),
),

```

```
Card(
  margin: const
EdgeInsets.symmetric(horizontal: 20),
  child: TextField(
    decoration: const InputDecoration(
      prefixIcon: Icon(Icons.search),
      hintText: 'Search nama...'),
    onChanged: (val) {
      setState(() {
        name = val;
      });
    },
  ),
),
),
),
),
),
),
),
),
),
Container(
  width: double.infinity,
  height: 600,
  margin: const EdgeInsets.only(top: 180),
  decoration: BoxDecoration(
    color: whiteColor,
    borderRadius:
BorderRadius.circular(defaulRadius),
  ),
  child: StreamBuilder<QuerySnapshot>(
    stream: bidanStream,
    builder: (BuildContext context,
      AsyncSnapshot<QuerySnapshot> snapshot) {
      if (snapshot.hasError) {
        return const Text('Something went wrong');
      }

      if (snapshot.connectionState ==
ConnectionState.waiting) {
        return const Center(child:
CircularProgressIndicator());
      } else {
        return ListView.builder(
AlwaysScrollableScrollPhysics(),
          physics: const
shrinkWrap: true,
          itemCount: snapshot.data!.docs.length,
          itemBuilder: (context, index) {
            final DocumentSnapshot documentSnapshot =
```



```

        snapshot.data!.docs[index];
    if (name.isEmpty) {
        return CustomListTile(
            namabidan: documentSnapshot['name'],
            jarak: documentSnapshot['distance'],
            onpressed: () {
                Navigator.push(
                    context,
                    MaterialPageRoute(
                        builder: (context) => Bidan(
                            documentSnapshot:
documentSnapshot),
                    ),
                );
            },
        );
    }
    if (documentSnapshot['name']
        .toString()
        .toLowerCase()
        .startsWith(name.toLowerCase())) {
        return CustomListTile(
            namabidan: documentSnapshot['name'],
            jarak: documentSnapshot['distance'],
            onpressed: () {
                Navigator.push(
                    context,
                    MaterialPageRoute(
                        builder: (context) => Bidan(
                            documentSnapshot:
documentSnapshot),
                    ),
                );
            },
        );
    }
    }
    return Container();
},
);
},
),
),
GestureDetector(
    onTap: () {
        Navigator.pop(context);
    },
),

```

```
child: Container(  
  width: 24,  
  height: 24,  
  margin: const EdgeInsets.only(left: 15, top: 15),  
  decoration: const BoxDecoration(  
    image: DecorationImage(  
      image: AssetImage(  
        'assets/arrow1.png',  
      ),  
    ),  
  ),  
),  
),  
),  
),  
),  
),  
),  
],  
),  
),  
),  
),  
);  
}  
}
```

Lampiran 5 – Source Code Bidan (Bidan.dart)

```
import 'package:cloud_firestore/cloud_firestore.dart';
import 'package:flutter/material.dart';
import 'package:map_flutter/Page/location_map.dart';
import '../shared/theme.dart';
import '../widgets/custom_button.dart';
import '../widgets/interest_item.dart';

class Bidan extends StatelessWidget {
  final DocumentSnapshot documentSnapshot;
  const Bidan({super.key, required this.documentSnapshot});

  @override
  Widget build(BuildContext context) {
    return Scaffold(
      body: SingleChildScrollView(
        child: Stack(
          children: [
            Container(
              width: double.infinity,
              height: 450,
              decoration: const BoxDecoration(
                image: DecorationImage(
                  fit: BoxFit.cover,
                  image: AssetImage("assets/bgbidan2.png"),
                ),
              ),
            ),
            Container(
              width: double.infinity,
              height: 209,
              margin: const EdgeInsets.only(
                top: 236,
              ),
              //shadow buat bawah burem
              decoration: BoxDecoration(
                gradient: LinearGradient(
                  begin: Alignment.topCenter,
                  end: Alignment.bottomCenter,
                  colors: [
                    whiteColor.withOpacity(0),
                    Colors.black.withOpacity(0.99),
                  ],
                ),
              ),
            ),
          ],
        ),
      ),
    );
  }
}
```



```
Container(  
  width: double.infinity,  
  margin: const EdgeInsets.symmetric(horizontal: 24,  
vertical: 30),  
  child: Column(  
    children: [  
      //NOTE: EMBLEM  
      Container(  
        width: 108,  
        height: 24,  
        decoration: const BoxDecoration(  
          image: DecorationImage(  
            image: AssetImage(  
              'assets/emblem.png',  
            ),  
          ),  
        ),  
      ),  
      //NOTE: TITEL AND RATING  
      Container(  
        height: 60,  
        width: double.infinity,  
        margin: const EdgeInsets.only(  
          top: 270,  
        ),  
        child: Row(  
          children: [  
            Center(  
              child: Column(  
                crossAxisAlignment:  
CrossAxisAlignment.start,  
                children: [  
                  Text('Praktek Mandiri Bidan',  
                    style: whiteTextStyleSB.copyWith(  
                      fontSize: 24, fontWeight:  
bold)),  
                  Row(  
                    children: [  
                      Icon(  
                        Icons.pin_drop,  
                        color: whiteColor,  
                      ),  
                      Text(  
                        documentSnapshot['distance'],  
                        style:  
whiteTextStyleSB.copyWith(  
                          fontSize: 16,
```

```
fontWeight: semiBold,
    ),
  ),
],
),
),
),
],
),
),
),
//NOTE: DESCRIPTION
Container(
  width: double.infinity,
  margin: const EdgeInsets.only(
    top: 30,
  ),
  padding: const EdgeInsets.symmetric(
    horizontal: 20,
    vertical: 30,
  ),
  decoration: BoxDecoration(
    color: whiteColor,
    borderRadius: BorderRadius.circular(18),
  ),
  child: Column(
    crossAxisAlignment: CrossAxisAlignment.start,
    children: [
      Center(
        child: Text(
          documentSnapshot['name'],
          style: blackTextStyleSB.copyWith(
            fontSize: 24,
            fontWeight: semiBold,
          ),
        ),
      ),
      const SizedBox(
        height: 10,
      ),
      //NOTE: ABOUT
      Text(
        'Alamat',
        style: blackTextStyleSB.copyWith(
          fontSize: 16,
          fontWeight: semiBold,
        ),
      ),
    ],
  ),
),
```

```
),
const SizedBox(
  height: 6,
),
Text(
  documentSnapshot['alamat'],
  style: blackTextStyleSB.copyWith(
    height: 2,
  ),
),
//NOTE PHOTOS
const SizedBox(
  height: 20,
),

//NOTE: INTERESTS
Text(
  'Pelayanan',
  style: blackTextStyleSB.copyWith(
    fontSize: 16,
    fontWeight: semiBold,
  ),
),
const SizedBox(
  height: 10,
),
Row(
  children: const [
    InterestItem(
      title: 'Imunisasi',
    ),
    InterestItem(
      title: 'Pelayanan KB',
    ),
  ],
),
const SizedBox(
  height: 10,
),
Row(
  children: const [
    InterestItem(
      title: 'Konsultasi',
    ),
    InterestItem(
      title: 'Periksa Hamil',
    ),
  ],
),
```



```
    ],  
  ),  
  const SizedBox(  
    height: 10,  
  ),  
  Row(  
    children: const [  
      InterestItem(  
        title: 'Periksa Bayi',  
      ),  
      InterestItem(  
        title: 'Persalinan',  
      ),  
    ],  
  ),  
  const SizedBox(  
    height: 10,  
  ),  
  Row(  
    children: const [  
      InterestItem(  
        title: 'Periksa Nifas',  
      ),  
    ],  
  ),  
  const SizedBox(  
    height: 20,  
  ),  
  Text(  
    'Jam Praktik',  
    style: blackTextStyleSB.copyWith(  
      fontSize: 16,  
      fontWeight: semiBold,  
    ),  
  ),  
  const SizedBox(  
    height: 10,  
  ),  
  Text(  
    'Buka Praktik Setiap Hari\nPagi : 08:00-  
12:00 WIB\nSore : 16:00-21:00 WIB\nSiang Istirahat\nKhusus  
Persalinan Buka 24 Jam',  
    style: blackTextStyleSB.copyWith(  
      fontSize: 16,  
      fontWeight: normal,  
    ),  
  ),  
),
```

```

        const SizedBox(
          height: 10,
        ),
        Text(
          'Kontak',
          style: blackTextStyleSB.copyWith(
            fontSize: 16,
            fontWeight: semiBold,
          ),
        ),
        const SizedBox(
          height: 10,
        ),
        Row(
          children: [
            const
Icon(Icons.phone_callback_rounded),
            const SizedBox(
              width: 5,
            ),
            Text(
              documentSnapshot['telfon'].toString(),
              style: blackTextStyleSB.copyWith(
                fontSize: 16,
                fontWeight: normal,
              ),
            ),
          ],
        )
      ],
    ),
  ),
  // NOTE: list an map
  Container(
    width: double.infinity,
    margin: const EdgeInsets.symmetric(vertical:
30),
    child: Row(
      mainAxisAlignment:
MainAxisAlignment.spaceAround,
      children: [
        CustomButton(
          title: "List Bidan",
          onPressed: () {
            Navigator.pop(context);
          },
          fontwidth: 150,

```

```
),
//NOTE: BUUTON BOOK
CustomButton(
  title: 'Map',
  onPressed: () {
    Navigator.push(
      context,
      MaterialPageRoute(
        builder: (context) => LocationMap(
          documentSnapshot2:
documentSnapshot,
        ),
      ),
    );
  },
  fontwidth: 150,
),
],
),
),
),
),
),
),
),
),
),
),
);
}
```

Lampiran 6 – Source Code (location.dart)

```
import 'package:cloud_firestore/cloud_firestore.dart';
import 'package:flutter/material.dart';
import 'package:google_maps_flutter/google_maps_flutter.dart';

class LocationMap extends StatelessWidget {
  final DocumentSnapshot documentSnapshot2;
  const LocationMap({super.key, required this.documentSnapshot2});

  @override
  Widget build(BuildContext context) {
    var titik = <Marker>{};

    titik.add(
      Marker(
        markerId: const MarkerId("marker bidan"),
        position:
LatLng(double.parse(documentSnapshot2['latitude']),
          double.parse(documentSnapshot2['longitude'])),
        infoWindow: InfoWindow(
          title: documentSnapshot2['name'],
        ),
      ),
    );

    return Scaffold(
      appBar: AppBar(
        title: const Text('Map Praktek MAndiri Bidan'),
      ),
      body: GoogleMap(
        // circles: circle,
        markers: titik,
        mapToolbarEnabled: true,
        mapType: MapType.hybrid,
        trafficEnabled: true,
        zoomControlsEnabled: true,
        buildingsEnabled: true,
        indoorViewEnabled: true,
        compassEnabled: true,
        initialCameraPosition: CameraPosition(
          target:
LatLng(double.parse(documentSnapshot2['latitude']),
            double.parse(documentSnapshot2['longitude'])),
          zoom: 14,
        ),
      ),
    );
  }
}
```

Lampiran 7- Source Code (Pengetahuan.dart)

```
import 'dart:io';
import 'package:flutter/material.dart';
import 'package:flutter_pdfview/flutter_pdfview.dart';
import 'package:path/path.dart';

class PDFViewerPage extends StatefulWidget {
  final File file;

  const PDFViewerPage({
    Key? key,
    required this.file,
  }) : super(key: key);

  @override
  _PDFViewerPageState createState() => _PDFViewerPageState();
}

class _PDFViewerPageState extends State<PDFViewerPage> {
  PDFViewController? controller;
  int pages = 0;
  int indexPage = 0;

  @override
  Widget build(BuildContext context) {
    final name = basename(widget.file.path);
    final text = '${indexPage + 1} of $pages';

    return Scaffold(
      appBar: AppBar(
        title: Text(name),
        actions: pages >= 2
          ? [
              Center(child: Text(text)),
              IconButton(
                icon: const Icon(Icons.chevron_left, size: 32),
                onPressed: () {
                  final page = indexPage == 0 ? pages : indexPage
- 1;
                  controller!.setPage(page);
                },
              ),
              IconButton(
                icon: const Icon(Icons.chevron_right, size: 32),
                onPressed: () {
```



```

        final page = indexPage == pages - 1 ? 0 :
indexPage + 1;
        controller!.setPage(page);
    },
    ),
    ],
    : null,
),
body: PDFView(
    filePath: widget.file.path,
    // autoSpacing: false,
    // swipeHorizontal: true,
    // pageSnap: false,
    // pageFling: false,
    onRender: (pages) => setState(() => this.pages = pages!),
    onViewCreated: (controller) =>
        setState(() => this.controller = controller),
    onPageChanged: (indexPage, _) =>
        setState(() => this.indexPage = indexPage!),
    ),
);
}
}

```

Lampiran 8 – Source Code (note_ibu_hamil.dart)

```
import 'dart:io';
import 'package:cloud_firestore/cloud_firestore.dart';
import 'package:file_picker/file_picker.dart';
import 'package:firebase_auth/firebase_auth.dart';
import 'package:firebase_storage/firebase_storage.dart';
import 'package:flutter/cupertino.dart';
import 'package:flutter/material.dart';
import 'package:form_field_validator/form_field_validator.dart';
import 'package:map_flutter/Page/ibu_hamil.dart';
import '../shared/theme.dart';
import '../widgets/custom_button.dart';
import '../widgets/custom_text_form_fileld.dart';

class NoteIbuHamil extends StatefulWidget {
  const NoteIbuHamil({super.key});

  @override
  State<NoteIbuHamil> createState() => _NoteIbuHamilState();
}

class _NoteIbuHamilState extends State<NoteIbuHamil>
  with SingleTickerProviderStateMixin {
  DateTime date = DateTime.now();
  final GlobalKey<FormState> _formKey = GlobalKey<FormState>();
  final TextEditingController memeriksaController =
    TextEditingController(text: '');
  final TextEditingController tempatController =
    TextEditingController(text: '');
  final TextEditingController catatanController =
    TextEditingController(text: '');

  late AnimationController loadingController;
  File? _file;
  PlatformFile? _platformFile;
  String imageUrl = '';

  selectFile() async {
    final file = await FilePicker.platform.pickFiles(
      type: FileType.custom, allowedExtensions: ['png', 'jpg',
'jpeg']);

    if (file != null) {
      setState(() {
        _file = File(file.files.single.path!);
        _platformFile = file.files.first;
      });
    }
  }
}
```

```

    });
  }

  Reference ref =
  FirebaseStorage.instance.ref().child(_platformFile!.name);
  await ref.putFile(_file!);
  ref.getDownloadURL().then((value) async {
    imageUrl = value;
  });

  loadingController.forward();
}

@override
void initState() {
  loadingController = AnimationController(
    vsync: this,
    duration: const Duration(seconds: 10),
  )..addListener(() {
    setState(() {});
  });
  super.initState();
}

@override
Widget build(BuildContext context) {
  FirebaseFirestore firestore = FirebaseFirestore.instance;
  CollectionReference noteBumil =
  firestore.collection('notebumil');
  return Scaffold(
    body: SafeArea(
      child: Form(
        key: _formKey,
        child: ListView(
          children: [
            Align(
              alignment: Alignment.topLeft,
              child: IconButton(
                onPressed: () {
                  Navigator.pop(context);
                },
                icon: const Icon(
                  CupertinoIcons.arrow_left,
                  size: 30,
                ),
              ),
            ),
          ],
        ),
      ),
    ),
  ),
);

```

```
Container(  
  margin: const EdgeInsets.only(top: 20, left: 10),  
  child: Row(  
    children: [  
      Container(  
        height: 40,  
        width: 40,  
        decoration: const BoxDecoration(  
          image: DecorationImage(  
            image: AssetImage('assets/ibuhamil.png'),  
          ),  
        ),  
      ),  
      const SizedBox(  
        width: 10,  
      ),  
      Text(  
        'Note Pemeriksaan',  
        style: blackTextStyleSB.copyWith(  
          fontSize: 20,  
          fontWeight: semiBold,  
        ),  
      ),  
    ],  
  ),  
  const SizedBox(  
    height: 20,  
  ),  
  Padding(  
    padding: const EdgeInsets.symmetric(horizontal: 15),  
    child: Column(  
      crossAxisAlignment: CrossAxisAlignment.start,  
      children: [  
        CustomTextFormField(  
          title: '* Jenis Pemeriksaan',  
          hintText: 'kehamilan..',  
          controller: periksaController,  
          validator: MultiValidator(  
            [  
              RequiredValidator(errorText: "Please enter  
Topik"),  
            ],  
          ),  
        ),  
        CustomTextFormField(  
          title: '* Tempat Pemeriksaan',
```

```

hintText: 'Bidan ...',
controller: tempatController,
validator: MultiValidator(
  [
    RequiredValidator(errorText: "Please enter
Topik"),
  ],
),
),
),
Text(
  '* Tanggal Pemeriksaan',
  style: blackTextStyleSB.copyWith(
    fontWeight: normal,
  ),
),
const SizedBox(
  height: 5,
),
Row(
  children: [
    Container(
      height: 55,
      width: 150,
      decoration: BoxDecoration(
        border: Border.all(),
        borderRadius:
BorderRadius.circular(defaulRadius)),
      child: Center(
        child: Text(
          '${date.year}/${date.month}/${date.day}',
          style: blackTextStyleSB.copyWith(
            fontWeight: normal,
          ),
        ),
      ),
    ),
    const SizedBox(
      width: 5,
    ),
    IconButton(
      onPressed: () async {
        DateTime? newDate = await
showDatePicker(
          context: context,
          initialDate: date,

```



```

        firstDate: DateTime(1900),
        lastDate: DateTime(2100),
    );
    //jika cancel milih null
    if (newDate == null) return;
    // jika ok datetime
    setState(() {
        date = newDate;
    });
  },
  icon: const Icon(
    Icons.calendar_month,
    size: 32,
  ),
),
],
),
const SizedBox(
  height: 20,
),
CustomTextFormField(
  title: '* Catatan',
  hintText: '',
  line: 4,
  controller: catatanController,
  validator: MultiValidator(
    [
      RequiredValidator(errorText: "Please enter
Topik"),
    ],
  ),
),
Text(
  '* Lampirkan foto buku KIA',
  style: blackTextStyleSB.copyWith(
    fontWeight: normal,
  ),
),
const SizedBox(
  height: 5,
),
InkWell(
  onTap: selectFile,
  child: Container(
    height: 40,
    width: 126,
    decoration: BoxDecoration(

```

```

        color: greyColor,
        borderRadius:
BorderRadius.circular(defaulRadius),
      ),
      child: Center(
        child: Text(
          "Pilih foto",
          style:
            whiteTextStyleSB.copyWith(fontWeight:
semiBold),
        )),
      ),
    ),
    _platformFile != null
      ? Container(
        padding: const EdgeInsets.all(20),
        child: Column(
          crossAxisAlignment:
CrossAxisAlignment.start,
          children: [
            Text(
              'Selected File',
              style: TextStyle(
                color: Colors.grey.shade400,
                fontSize: 15,
              ),
            ),
            const SizedBox(
              height: 10,
            ),
            Container(
              padding: const
EdgeInsets.all(8),
              decoration: BoxDecoration(
                borderRadius:
BorderRadius.circular(10),
                color: Colors.white,
                boxShadow: [
                  BoxShadow(
                    color:
Colors.grey.shade200,
                    offset: const Offset(0,
1),
                    blurRadius: 3,
                    spreadRadius: 2,
                  )
                ]),
            ),
          ],
        ),
      ),
    ],
  ),
)

```

```

child: Row(
  children: [
    ClipRRect(
      borderRadius:
BorderRadius.circular(8),
      child: Image.file(
        _file!,
        width: 70,
      )),
    const SizedBox(
      width: 10,
    ),
    Expanded(
      child: Column(
        crossAxisAlignment:
CrossAxisAlignment.start,
        children: [
          Text(
            _platformFile!.name,
            style: const
TextStyle(
              fontSize: 13,
              color:
Colors.black),
          ),
          const SizedBox(
            height: 5,
          ),
          Text(
            '${(_platformFile!.size / 1024).ceil()} KB',
            style: TextStyle(
              fontSize: 13,
              color:
Colors.grey.shade500),
          ),
          const SizedBox(
            height: 5,
          ),
          Container(
            height: 5,
            clipBehavior:
Clip.hardEdge,

```

```

                                decoration:
BoxDecoration(
                                borderRadius:
                                BorderRadius.circular(
                                5),
                                color:
Colors.blue.shade50,
                                ),
                                child:
LinearProgressIndicator(
                                value:
loadingController.value,
                                )),
                                ],
                                ),
                                ),
                                const SizedBox(
                                width: 10,
                                ),
                                ],
                                )),
                                const SizedBox(
                                height: 20,
                                ),
                                ],
                                ))
                                : Container(),
                                const SizedBox(
                                height: 20,
                                ),
                                ),
                                CustomButton(
                                title: 'Simpan',
                                onPressed: () {
                                    //upload data to firestore
                                    if (_formKey.currentState!.validate()) {
                                        User? user =
FirebaseAuth.instance.currentUser;
                                        noteBumil.add({
                                            'pemeriksaan': pemeriksaanController.text,
                                            'tempat': tempatController.text,
                                            'tanggal': date.toString(),
                                            'catatan': catatanController.text,
                                            'fotokiabumil': imageUrl,
                                            'userid': user!.uid,

```

```
});  
Navigator.push(  
  context,  
  MaterialPageRoute(  
    builder: (context) => const  
IbuHamil(),  
  ),  
);  
}  
},  
fontwidth: double.infinity,  
),  
],  
),  
),  
),  
),  
),  
),  
),  
);  
}  
}
```


Lampiran 9 – Source Code (note_imunisasi.dart)

```
import 'dart:io';

import 'package:cloud_firestore/cloud_firestore.dart';
import 'package:file_picker/file_picker.dart';
import 'package:firebase_auth/firebase_auth.dart';
import 'package:firebase_storage/firebase_storage.dart';
import 'package:flutter/cupertino.dart';
import 'package:flutter/material.dart';
import 'package:form_field_validator/form_field_validator.dart';
import 'package:map_flutter/Page/imunisasi.dart';
import '../shared/theme.dart';
import '../widgets/custom_button.dart';
import '../widgets/custom_text_form_fileld.dart';

class NoteImunisasi extends StatefulWidget {
  const NoteImunisasi({Key? key}) : super(key: key);

  @override
  State<NoteImunisasi> createState() => _NoteImunisasiState();
}

class _NoteImunisasiState extends State<NoteImunisasi>
  with SingleTickerProviderStateMixin {
  DateTime date = DateTime.now();
  final GlobalKey<FormState> _formKey = GlobalKey<FormState>();
  final TextEditingController imunisasiController =
    TextEditingController(text: '');
  final TextEditingController tempatController =
    TextEditingController(text: '');
  final TextEditingController catatanController =
    TextEditingController(text: '');

  late AnimationController loadingController;
  File? _file;
  PlatformFile? _platformFile;
  String imageUrl = '';

  selectFile() async {
    final file = await FilePicker.platform.pickFiles(
      type: FileType.custom, allowedExtensions: ['png', 'jpg',
'jpeg']);

    if (file != null) {
      setState(() {
        _file = File(file.files.single.path!);
      });
    }
  }
}
```

```
        _platformFile = file.files.first;
    });
}
Reference ref =
FirebaseStorage.instance.ref().child(_platformFile!.name);
await ref.putFile(_file!);
ref.getDownloadURL().then((value) async {
    imageUrl = value;
});

loadingController.forward();
}

@override
void initState() {
    loadingController = AnimationController(
        vsync: this,
        duration: const Duration(seconds: 10),
    )..addListener(() {
        setState(() {});
    });
    super.initState();
}

@override
Widget build(BuildContext context) {
    FirebaseFirestore firestore = FirebaseFirestore.instance;
    CollectionReference noteBumil =
firestore.collection('noteimunisasi');
    return Scaffold(
        body: SafeArea(
            child: Form(
                key: _formKey,
                child: ListView(
                    children: [
                        Align(
                            alignment: Alignment.topLeft,
                            child: IconButton(
                                onPressed: () {
                                    Navigator.pop(context);
                                },
                                icon: const Icon(
                                    CupertinoIcons.arrow_left,
                                    size: 30,
                                ),
                            ),
                        ),
                    ],
                ),
            ),
        ),
    ),
);
```

```
Container(  
  margin: const EdgeInsets.only(top: 20, left: 10),  
  child: Row(  
    children: [  
      Container(  
        height: 40,  
        width: 40,  
        decoration: const BoxDecoration(  
          image: DecorationImage(  
            image: AssetImage('assets/imunisasi.png'),  
          ),  
        ),  
      ),  
      const SizedBox(  
        width: 10,  
      ),  
      Text(  
        'Note Imunisasi',  
        style: blackTextStyleSB.copyWith(  
          fontSize: 20,  
          fontWeight: semiBold,  
        ),  
      ),  
    ],  
  ),  
),  
const SizedBox(  
  height: 20,  
),  
Padding(  
  padding: const EdgeInsets.symmetric(horizontal: 15),  
  child: Column(  
    crossAxisAlignment: CrossAxisAlignment.start,  
    children: [  
      CustomTextFormField(  
        title: '* Jenis Imunisasi',  
        hintText: 'campak..',  
        controller: imunisasiController,  
        validator: MultiValidator(  
          [  
            RequiredValidator(errorText: "Please enter  
Topik"),  
          ],  
        ),  
      ),  
      CustomTextFormField(  
        title: '* Tempat Imunisasi',
```

```

hintText: 'Bidan ...',
controller: tempatController,
validator: MultiValidator(
  [
    RequiredValidator(errorText: "Please enter
Topik"),
  ],
),
),
),
Text(
  '* Tanggal Imunisasi',
  style: blackTextStyleSB.copyWith(
    fontWeight: normal,
  ),
),
const SizedBox(
  height: 5,
),
Row(
  children: [
    Container(
      height: 55,
      width: 150,
      decoration: BoxDecoration(
        border: Border.all(),
        borderRadius:
BorderRadius.circular(defaulRadius)),
      child: Center(
        child: Text(
          '${date.year}/${date.month}/${date.day}',
          style: blackTextStyleSB.copyWith(
            fontWeight: normal,
          ),
        ),
      ),
    ),
    const SizedBox(
      width: 5,
    ),
    IconButton(
      onPressed: () async {
        DateTime? newDate = await
showDatePicker(
          context: context,
          initialDate: date,

```

```

        firstDate: DateTime(1900),
        lastDate: DateTime(2100),
    );
    //jika cancel milih null
    if (newDate == null) return;
    // jika ok datetime
    setState(() {
        date = newDate;
    });
  },
  icon: const Icon(
    Icons.calendar_month,
    size: 32,
  ),
),
],
),
const SizedBox(
  height: 20,
),
CustomTextFormField(
  title: '* Catatan',
  hintText: '',
  line: 4,
  obscureText: false,
  controller: catatanController,
  validator: MultiValidator(
    [
      RequiredValidator(errorText: "Please enter
Topik"),
    ],
  ),
),
Text(
  '* foto buku KIA Imunisasi',
  style: blackTextStyleSB.copyWith(
    fontWeight: normal,
  ),
),
const SizedBox(
  height: 5,
),
InkWell(
  onTap: selectFile,
  child: Container(
    height: 40,
    width: 126,

```



```

        decoration: BoxDecoration(
          color: greyColor,
          borderRadius:
BorderRadius.circular(defaulRadius),
        ),
        child: Center(
          child: Text(
            "Pilih foto",
            style:
                whiteTextStyleSB.copyWith(fontWeight:
semiBold),
          ),
        ),
      ),
    ),
    _platformFile != null
      ? Container(
        padding: const EdgeInsets.all(20),
        child: Column(
          crossAxisAlignment:
CrossAxisAlignment.start,
          children: [
            Text(
              'Selected File',
              style: TextStyle(
                color: Colors.grey.shade400,
                fontSize: 15,
              ),
            ),
            const SizedBox(
              height: 10,
            ),
            Container(
              padding: const
EdgeInsets.all(8),
              decoration: BoxDecoration(
                borderRadius:
BorderRadius.circular(10),
                color: Colors.white,
                boxShadow: [
                  BoxShadow(
                    color:
Colors.grey.shade200,
                    offset: const Offset(0,
1),
                    blurRadius: 3,
                    spreadRadius: 2,

```

```

    ]),
    child: Row(
      children: [
        ClipRRect(
          borderRadius:
BorderRadius.circular(8),
          child: Image.file(
            _file!,
            width: 70,
          )),
        const SizedBox(
          width: 10,
        ),
        Expanded(
          child: Column(
            crossAxisAlignment:
CrossAxisAlignment.start,
            children: [
              Text(
                _platformFile!.name,
                style: const
TextStyle(
                  fontSize: 13,
                  color:
Colors.black),
              ),
              const SizedBox(
                height: 5,
              ),
              Text(
                '${(_platformFile!.size / 1024).ceil()} KB',
                style: TextStyle(
                  fontSize: 13,
                  color:
Colors.grey.shade500),
              ),
              const SizedBox(
                height: 5,
              ),
              Container(
                height: 5,
                clipBehavior:
Clip.hardEdge,

```

```

                                decoration:
BoxDecoration(
                                borderRadius:
                                BorderRadius.circular(
                                5),
                                color:
Colors.blue.shade50,
                                ),
                                child:
LinearProgressIndicator(
                                value:
loadingController.value,
                                )),
                                ],
                                ),
                                ),
                                const SizedBox(
                                width: 10,
                                ),
                                ],
                                )),
                                const SizedBox(
                                height: 20,
                                ),
                                ],
                                ))
                                : Container(),
                                const SizedBox(
                                height: 20,
                                ),
                                ),
                                CustomButton(
                                title: 'Simpan',
                                onPressed: () {
                                //upload data to firestore
                                if (_formKey.currentState!.validate()) {
                                User? user =
FirebaseAuth.instance.currentUser;
                                noteBumil.add({
                                'imunisasi': imunisasiController.text,
                                'tempat': tempatController.text,
                                'tanggal': date.toString(),
                                'catatan': catatanController.text,
                                'fotokiaimunisasi': imageUrl,
                                'userid': user!.uid,

```

```
});  
Navigator.push(  
  context,  
  MaterialPageRoute(  
    builder: (context) => const  
Imunisasi(),  
  ),  
);  
}  
},  
fontwidth: double.infinity,  
),  
],  
),  
),  
),  
),  
),  
),  
),  
);  
}  
}
```

