

Application Development and Emerging Technologies (CC206)

FINAL REQUIREMENT



HABIT

TO KEEP YOU FOCUSED

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I. Name of the Mobile Application:

HABIT : FOCUS APP

II. Description:

HABIT: FOCUS APP is a mobile application with the goal of keeping you, the user, focused. It features a scheduling system, a timer using the Pomodoro study technique, a notes section where you can keep your to-do list, and achievements to keep track of your productivity.

III. Features:

- **Sign up Page**

- The user can sign up and create an account to access the application.

- **Login Page**

- To access the app's features, the user must log in with an existing account.

- **Schedules**

- The user can schedule events and reminders displayed in a calendar.

- **Pomodoro Timer**

- The user can customize the timer interval using the Pomodoro technique to suit their preferences.

- **Notes**

- The application's notes feature allows the user to take notes and keep track of them.

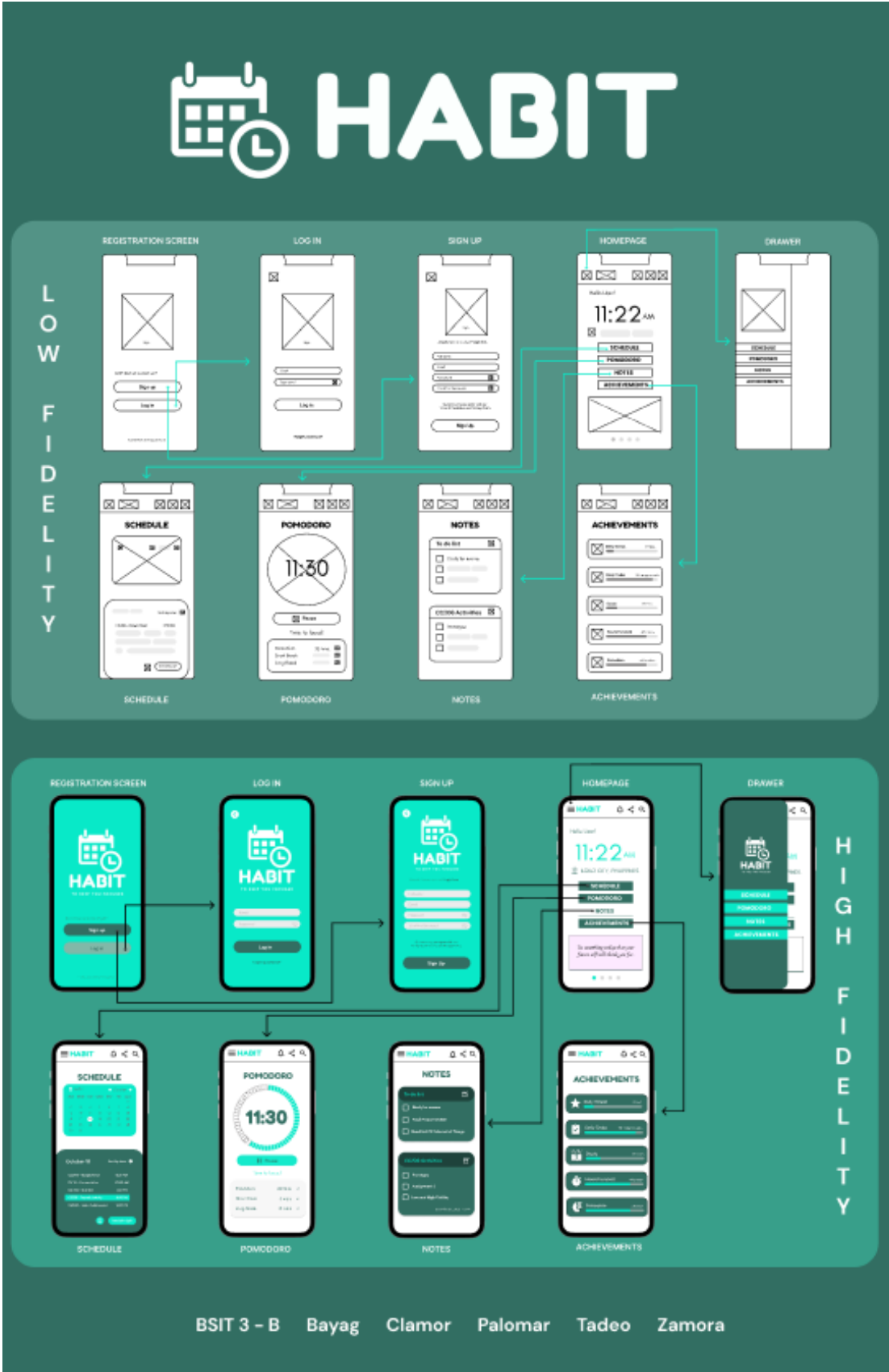
- **Achievement Records**

- The user can view their daily and weekly productivity-based achievement goals.

IV. Prototyping:

Figma Link:

<https://www.figma.com/file/8Jha74q8EhbfKnuKsKSXKX/Habit-Application?node-id=0%3A1&t=tlP5VIViAp0mm9a2-1>



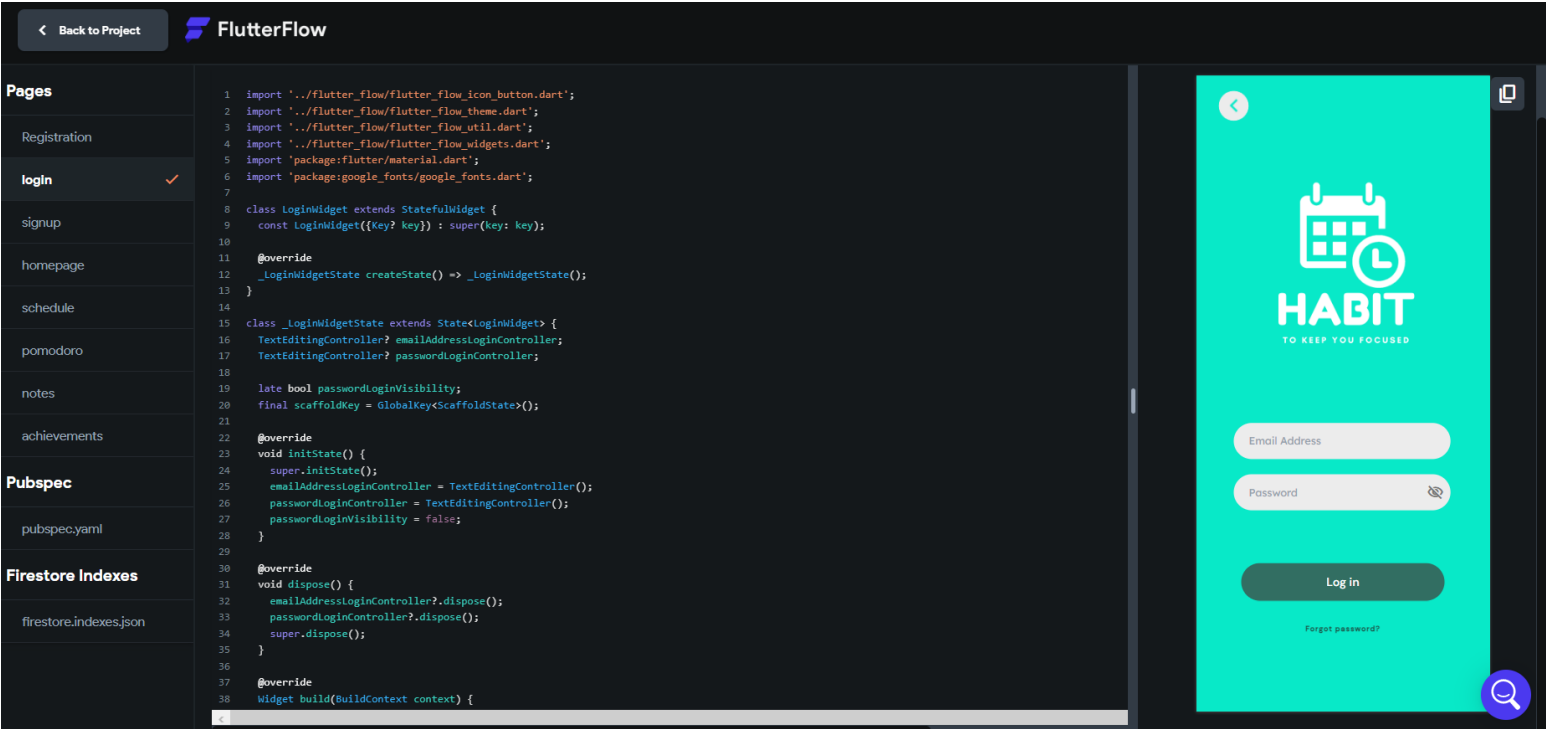
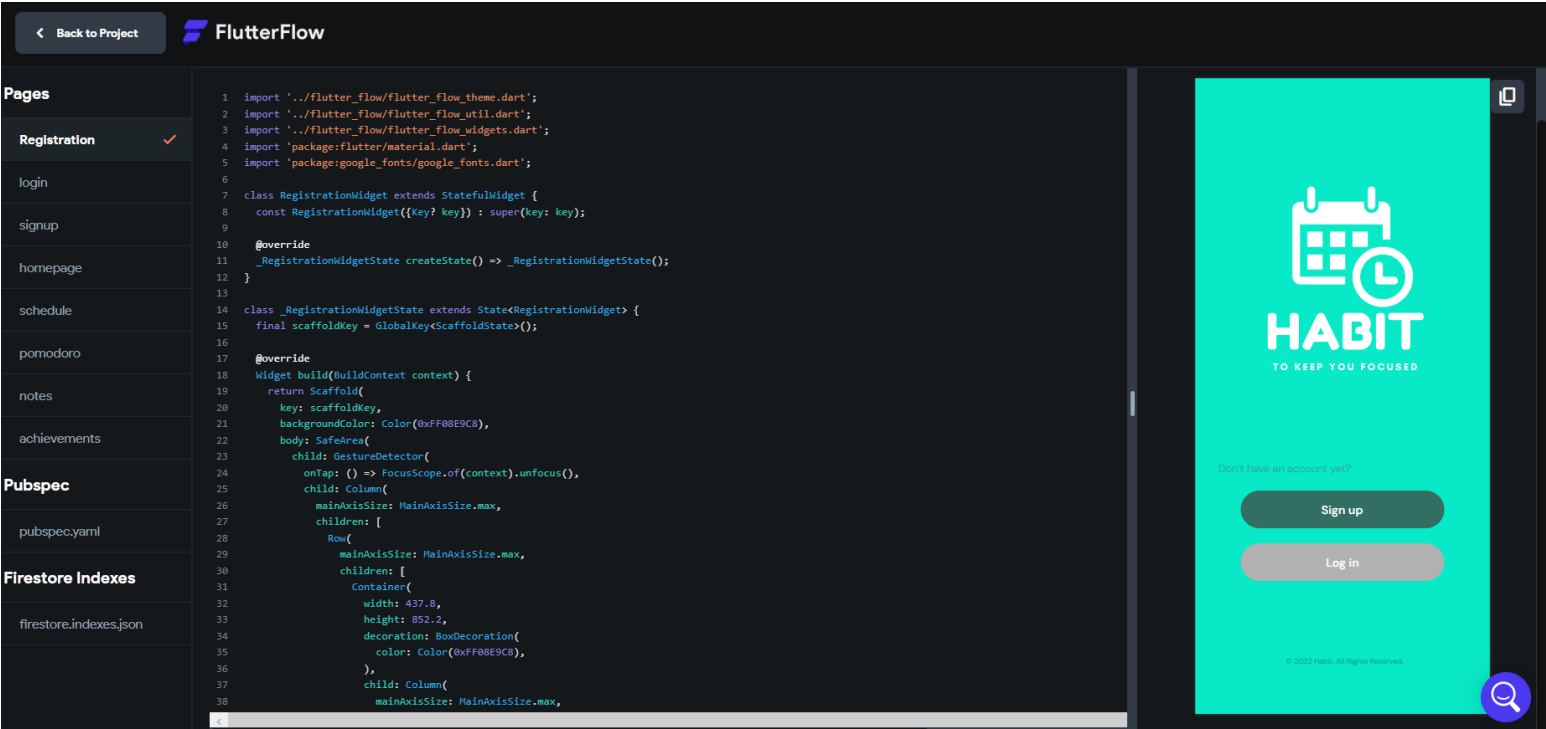
V. Development:

FlutterFlow Link:

<https://app.flutterflow.io/run/Byb8IDZVCSNjKw5P3RNm>

Github Link:

<https://github.com/AleeiahNicole/Habit-Application-CC206-FINAL-REQUIREMENT-.git>



FlutterFlow

Back to Project

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Pubspec

pubspec.yaml

Firestore Indexes

firestore.indexes.json

```
1 import '../flutter_flow/flutter_flow_icon_button.dart';
2 import '../flutter_flow/flutter_flow_theme.dart';
3 import '../flutter_flow/flutter_flow_util.dart';
4 import '../flutter_flow/flutter_flow_widgets.dart';
5 import 'package:flutter/material.dart';
6 import 'package:google_fonts/google_fonts.dart';
7
8 class SignupWidget extends StatefulWidget {
9   const SignupWidget({key? key}) : super(key: key);
10
11   @override
12   _SignupWidgetState createState() => _SignupWidgetState();
13 }
14
15 class _SignupWidgetState extends State<SignupWidget> {
16   TextEditingController? emailAddressLoginController;
17   TextEditingController? fullNameController;
18   TextEditingController? passwordRegisterController;
19
20   late bool passwordRegisterVisibility;
21   TextEditingController? passwordRegisterconfirmController;
22
23   late bool passwordRegisterconfirmVisibility;
24   final scaffoldKey = GlobalKey<ScaffoldState>();
25
26   @override
27   void initState() {
28     super.initState();
29     emailAddressLoginController = TextEditingController();
30     fullNameController = TextEditingController();
31     passwordRegisterController = TextEditingController();
32     passwordRegisterVisibility = false;
33     passwordRegisterconfirmController = TextEditingController();
34     passwordRegisterconfirmVisibility = false;
35   }
36
37   @override
38   void dispose() {
```

HABIT

TO KEEP YOU FOCUSED

Already have an account? Login here

Fullname

Email Address

Password

Confirm Password

By continuing you agree with our Terms & Conditions and Privacy Policy

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2 import '../flutter_flow/flutter_flow_theme.dart';
3 import '../flutter_flow/flutter_flow_util.dart';
4 import '../flutter_flow/flutter_flow_widgets.dart';
5 import 'package:smooth_page_indicator/smooth_page_indicator.dart'
6   as smooth_page_indicator;
7 import 'package:flutter/material.dart';
8 import 'package:google_fonts/google_fonts.dart';
9
10 class HomepageWidget extends StatefulWidget {
11   const HomepageWidget({key? key}) : super(key: key);
12
13   @override
14   _HomepageWidgetState createState() => _HomepageWidgetState();
15 }
16
17 class _HomepageWidgetState extends State<HomepageWidget> {
18   PageController? pageViewController;
19   TextEditingController? textController;
20   final scaffoldKey = GlobalKey<ScaffoldState>();
21
22   @override
23   void initState() {
24     super.initState();
25     textController = TextEditingController();
26   }
27
28   @override
29   void dispose() {
30     textController?.dispose();
31     super.dispose();
32   }
33
34   @override
35   Widget build(BuildContext context) {
36     return Scaffold(
37       key: scaffoldKey,
38       backgroundColor: FlutterFlowTheme.of(context).primaryBackground,
```

HABIT

11:22AM

YOUR LOCATION

SCHEDULE

POMODORO

NOTES

ACHIEVEMENTS

Wake up determined

Go to bed satisfied

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```
1 import '../flutter_flow/flutter_flow_calendar.dart';
2 import '../flutter_flow/flutter_flow_icon_button.dart';
3 import '../flutter_flow/flutter_flow_theme.dart';
4 import '../flutter_flow/flutter_flow_util.dart';
5 import '../flutter_flow/flutter_flow_widgets.dart';
6 import 'package:flutter/material.dart';
7 import 'package:google_fonts/google_fonts.dart';
8
9 class ScheduleWidget extends StatefulWidget {
10   const ScheduleWidget({key? key}) : super(key: key);
11
12   @override
13   _ScheduleWidgetState createState() => _ScheduleWidgetState();
14 }
15
16 class _ScheduleWidgetState extends State<ScheduleWidget> {
17   DateTimeRange? calendarSelectedDay;
18   final scaffoldKey = GlobalKey<ScaffoldState>();
19
20   @override
21   void initState() {
22     super.initState();
23     calendarSelectedDay = DateTimeRange(
24       start: DateTime.now().startOfDay,
25       end: DateTime.now().endOfDay,
26     );
27   }
28
29   @override
30   Widget build(BuildContext context) {
31     return Scaffold(
32       key: scaffoldKey,
33       backgroundColor: FlutterFlowTheme.of(context).primaryBackground,
34       drawer: Drawer(
35         elevation: 16,
36         child: Container(
37           width: 100,
38           height: 100,
```

HABIT

SCHEDULE

December 2022

Sun	Mon	Tue	Wed	Thu	Fri	Sat
27	28	29	30	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

December 18 Sort by time

CC206 - Google Meet 8:30 AM

CIT211 - Presentation 10:00PM

BA 234 - Quiz #2 1:00 PM

CIT231 - Payroll Activity 3:30 PM

CC208 - Video Submission 5:00 PM

Add Schedule

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1 import '../flutter_flow/flutter_flow_icon_button.dart';
2 import '../flutter_flow/flutter_flow_theme.dart';
3 import '../flutter_flow/flutter_flow_timer.dart';
4 import '../flutter_flow/flutter_flow_util.dart';
5 import '../flutter_flow/flutter_flow_widgets.dart';
6 import 'package:stop_watch_timer/stop_watch_timer.dart';
7 import 'package:flutter/material.dart';
8 import 'package:flutter/scheduler.dart';
9 import 'package:google_fonts/google_fonts.dart';
10
11 class PomodoroWidget extends StatefulWidget {
12   const PomodoroWidget({Key? key}) : super(key: key);
13
14   @override
15   _PomodoroWidgetState createState() => _PomodoroWidgetState();
16 }
17
18 class _PomodoroWidgetState extends State<PomodoroWidget> {
19   Stopwatch? timerController;
20   String? timerValue;
21   int? timerMilliseconds;
22   final scaffoldKey = GlobalKey<ScaffoldState>();
23
24   @override
25   void initState() {
26     super.initState();
27     // On page load action.
28     SchedulerBinding.instance.addPostFrameCallback((_) async {
29       timerController?.onExecute.add(
30         StopwatchExecute.start,
31       );
32     });
33
34     WidgetsBinding.instance.addPostFrameCallback((_) => setState({}));
35   }
36
37   @override
38   void dispose() {
```

HABIT

POMODORO

00:16:40

Pause

Time to focus!

Pomodoro20 mins

Short Break10 mins

Long Break15 mins

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2 import '../flutter_flow/flutter_flow_icon_button.dart';
3 import '../flutter_flow/flutter_flow_theme.dart';
4 import '../flutter_flow/flutter_flow_util.dart';
5 import '../flutter_flow/flutter_flow_widgets.dart';
6 import 'package:flutter/material.dart';
7 import 'package:font_awesome_flutter/font_awesome_flutter.dart';
8 import 'package:google_fonts/google_fonts.dart';
9
10 class NotesWidget extends StatefulWidget {
11   const NotesWidget({Key? key}) : super(key: key);
12
13   @override
14   _NotesWidgetState createState() => _NotesWidgetState();
15 }
16
17 class _NotesWidgetState extends State<NotesWidget> {
18   List<String>? checkboxGroupValues1;
19   List<String>? checkboxGroupValues2;
20   final scaffoldKey = GlobalKey<ScaffoldState>();
21
22   @override
23   Widget build(BuildContext context) {
24     return Scaffold(
25       key: scaffoldKey,
26       backgroundColor: FlutterFlowTheme.of(context).primaryBackground,
27       drawer: Drawer(
28         elevation: 16,
29         child: Container(
30           width: 100,
31           height: 100,
32           decoration: BoxDecoration(
33             color: Color(0xFF1C5246),
34           ),
35           child: Column(
36             mainAxisAlignment: MainAxisAlignment.max,
37             children: [
38               Padding(
```

HABIT

NOTES

To do list

Study for exams

Final Project CC206

Read Unit 10: Internet of Things

CC206 Activities

Prototype

Assignment 2

Low and High Fidelity

December 20, 2022 1-2 PM

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2 import '../flutter_flow/flutter_flow_theme.dart';
3 import '../flutter_flow/flutter_flow_util.dart';
4 import '../flutter_flow/flutter_flow_widgets.dart';
5 import 'package:flutter/material.dart';
6 import 'package:google_fonts/google_fonts.dart';
7 import 'package:percent_indicator/percent_indicator.dart';
8
9 class AchievementsWidget extends StatefulWidget {
10   const AchievementsWidget({Key? key}) : super(key: key);
11
12   @override
13   _AchievementsWidgetState createState() => _AchievementsWidgetState();
14 }
15
16 class _AchievementsWidgetState extends State<AchievementsWidget> {
17   final scaffoldKey = GlobalKey<ScaffoldState>();
18
19   @override
20   Widget build(BuildContext context) {
21     return Scaffold(
22       key: scaffoldKey,
23       backgroundColor: Colors.white,
24       drawer: Drawer(
25         elevation: 16,
26         child: Container(
27           width: 100,
28           height: 100,
29           decoration: BoxDecoration(
30             color: Color(0xFF1C5246),
31           ),
32           child: Column(
33             mainAxisAlignment: MainAxisAlignment.max,
34             children: [
35               Padding(
36                 padding: EdgeInsetsDirectional.fromSTEB(0, 70, 0, 0),
37                 child: Image.asset(
38                   'assets/images/Untitled_design.png',
39                 ),
38             ],
39           ),
40         ),
41       ),
42     );
```

HABIT

ACHIEVEMENTS

Daily Streak1/7days

Daily Tasks3/4 assigned tasks

Study1/6 hours

Hours Focused8/10 hours

Pomodoro3/4 hours