**Vivekanand Education Society’s** 

**Institute of Technology**

**(Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)**

**Department of Information Technology**

A.Y. 22-23

MAD & PWA Lab Journal

| Experiment No. | Assignment 1 |
| --- | --- |
| Experiment  Title. | Selecting features for application development, the features should Include:  ● Common widgets  ● icons, images, charts etc.  ● an interactive Form  ● Navigation, routing and gestures  ● Connect with FireBase database |
| Roll No. | 53 |
| Name | SAKSHI SANTOSH PATIL |
| Class | D15B |
| Subject | MAD & PWA Lab |
| Lab Outcome | LO1: Understand cross platform mobile application development using Flutter framework  LO2: Design and Develop interactive Flutter App by using widgets, layouts, gestures and animation  LO3: Analyze and Build production ready Flutter App by incorporating backend services and deploying on Android / iOS |

Grade:

**AIM:** Selecting features for application development, the features should comprise of:

1. Common widgets
2. Should include icons, images, charts etc.
3. Should have an interactive Form
4. Should apply navigation, routing and gestures
5. Should connect with FireBase database

| **Screen-shot** | **Features** |
| --- | --- |
|  | **Book ride-screen**   1. Many widgets like Text, Button, Icon are used. 2. Navigation and routing to access a particular service. 3. Icons including notification alerts. 4. Driver and rider information in the firebase storage. |

| **Screen-shot** | **Features** |
| --- | --- |
|  | **Services screen**   1. Many widgets related to the delivery services provided. 2. Navigation and routing to access a particular service. 3. Icons included |

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| **Screen-shot** | **Features** |
| --- | --- |
|  | **Profile-screen**   1. Many widgets included. 2. Navigation and routing to access a particular service. 3. Icons included with panel 4. Profile information in Firebase. |

| **Screen-shot** | **Features** |
| --- | --- |
|  | **Edit profile screen**   1. Navigation and routing to access a particular service. 2. Widgets like TextField included. |

| **Screen-shot** | **Features** |
| --- | --- |
|  | **Pickup and drop location screen**   1. Google Maps API used. 2. Widgets like TextField and SearchBar included. |