**Lab session 3: Multi-Screens Design using Flutter**

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| **Introduction** |
| In this third lab session, you will be creating a multi-screen Flutter application. |

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| **Objectives** |
| At the end of this session, students are expected to have an understanding how to use routing and tabular navigation in a Flutter Application. |

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| **Deliverables** |
| * A full documentation with Screenshots and descriptions of the Labs |
| **Student Name** |
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**Tutorials**

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| 1. **First Steps with Flutter – Exploring Widgets, Building Layouts, Responding to user input** |
| [**https://pusher.com/tutorials/flutter-widgets/**](https://pusher.com/tutorials/flutter-widgets/)  [**https://pusher.com/tutorials/flutter-building-layouts**](https://pusher.com/tutorials/flutter-building-layouts)  [**https://pusher.com/tutorials/flutter-user-input**](https://pusher.com/tutorials/flutter-user-input) |
| 1. **Build Layouts** |
| [**https://docs.flutter.dev/development/ui/layout/tutorial**](https://docs.flutter.dev/development/ui/layout/tutorial) |
| 1. **The Dart command-line Tool** |
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**Practical - Codelabs**

**Task-1**

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| **Adding a Home Screen widget to your Flutter App** |
| **https://codelabs.developers.google.com/flutter-home-screen-widgets#0**  **Provide a documentation with a short description and screenshots for all the steps of the lab.** |

**Task-2**

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| **Use the given dart files to complete the mutli-screen application in Flutter using the routing and tabular navigation.** |
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| **Provide a documentation with a short description and screenshots for all the steps of the lab.** |

**Task-3**

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| **Adding AdMob ads to a Flutter app** |
| **(I) [https://codelabs.developers.google.com/codelabs/admob-ads-in-flutter#0](https://codelabs.developers.google.com/codelabs/admob-ads-in-flutter" \l "0)**  (ii) [https://codelabs.developers.google.com/codelabs/admob-inline-ads-in-flutter#0](https://codelabs.developers.google.com/codelabs/admob-inline-ads-in-flutter" \l "0)  **Provide a documentation with a short description and screenshots for all the steps of the lab.** |

**Task-4**

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| **Building next generation UIs in Flutter** |
| **[https://codelabs.developers.google.com/codelabs/flutter-next-gen-uis#0](https://codelabs.developers.google.com/codelabs/flutter-next-gen-uis" \l "0)**  **Provide a documentation with a short description and screenshots for all the steps of the lab.** |

**Task-5**

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| **Figma2Flutter – Part 6 to 10** |
| https://f2f.bostonux.com/video  **Provide a documentation with a short description and screenshots for all the steps of the lab.** |

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| **Student Notes and feedback** |
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| **Screenshots** |

