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| **SEMESTER** | | | | **FALL 2022** | | | **YEAR** | | | | **2022-2023** | |
| **TITLE OF PROPOSED PROJECT** | | | | | | | | | | | | |
| **Fun Locator** | | | | | | | | | | | | |
| **Project Category (choose one)** | | | | | * **Product based** | | | | | □**Research based** | | |
| **SUPERVISOR INFORMATION** | | | | | | | | | | | | |
| **Supervisor Name:** | | |  | | | | | | **Organization/**  **Designation** | | |  |
| **Contact No:** | | |  | | | | | | **email:** | | |  |
| **STUDENT(S) INFORMATION** | | | | | | | | | | | | |
| **S#** | **Student ID** | | | | | **Name** | | | | | | |
| **1** | **64049** | | | | | **Muzammil Maqsood** | | | | | | |
| **Contact No:** | | **0300-0218464** | | | | **email:** | | **Muzammilmaqsood5@gmail.com** | | | | |
| **2** | **63437** | | | | | **Ahsan Iqbal** | | | | | | |
| **Contact No:** | | **0305-2469484** | | | | **email:** | | **ahsaniqbalchishti77@gmail.com** | | | | |
| **PROJECT AREA/TOOLS** | | | | | | | | | | | | |
| **Tools Required:** | | | Flutter/Android/React Native with Firebase/MongoDB/SQL/Dart/Node Js/Express Js/Python | | | | | | | | | |
| **Area/Specialization:** | | | Mobile Application/machine learning | | | | | | | | | |
| **SUMMARY OF PROPOSED PROJECT (MAXIMUM 300 WORDS)** | | | | | | | | | | | | |
| This application has three (3) views Admin, User & Planner and restaurant. User can register in this app to search for his desired areas. This app works as a guider to give suggestions according to their needs. In other view, planner (optional) can register him/herself to organize events according to their specialty. Admin will approve authentic planners so that security of users won't be compromised. And also approve their plans of events so that users can see them. In user application the suggestion of under budget restaurant shown by using machine learning algorithm. | | | | | | | | | | | | |
| **PROJECT OBJECTIVE(S)/OUTCOMES** | | | | | | | | | | | | |
| * This application will help different group of people like families, friends, couple & others. * Those users who are not familiar with the new areas be guided by the planner. * This app will be a time saving for those who don't know where to go. | | | | | | | | | | | | |

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| **FUNCTIONAL FEATURES** |

**For FYP 1: (At least 70% of overall FYP) (Jury may update at the time of Proposal Defense)**

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| * Building the application of three/four modes:  1. User Application 2. Planner Application(optional) 3. Admin Application 4. Restaurant Application  * Setup the layout of all three/four applications * Configure database connection * Working on authorization and authentication * Initial libraries gather and installation * Configure map positioning * Collecting some demo restaurant data. * Choose Algorithm and train model. * Working on desired location under budget * Testing |

**For FYP 2: (Complete FYP)**

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| * Working on restaurant Application:  1. Working on booking 2. Set schedule  * Model integration. * Demo Payment Method/Demo payment method with QR code. * Testing * Deployment/build their application. |

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| **For Proposal Defense Purpose** |

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| **PROPOSED ADVISORY COMMITTEE** | | |
| **S#** | **Faculty Name** | **Signature** |
| 1 |  |  |
| 2 |  |  |
| 3 |  |  |
| 4 |  |  |

**FYP Committee**

|  |  |  |  |
| --- | --- | --- | --- |
| **FYP COMMITTEE** | | | |
| **S#** | **Member(s) Name** | **Designation** | **Signature** |
| **1** | **Usman Khan (Head of FYP)** | Asst. Professor |  |
| **2** | **Dr Noman Islam (North Campus-Head of the Dept.)** | Professor |  |
| **3** | **Dr. Muhammad Khalid Khan (Associate Dean & Director , CoCIS)** | Professor |  |
| **Date** | | 00/00/0000 | |