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| logouitm122  **F2 – PROPOSAL OUTLINE FORM**  **Faculty of Computer & Mathematical Sciences**  **CSP600** |

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| **STUDENT NAME** | **ASYRAF BIN SHAHRELNIZAM** | **STUDENT ID** | **2016728239** |
| **PROGRAM** | **CS251** | | |
| **SUPERVISOR** | **ALBIN LEMUEL KUSHAN** | | |
| **PROJECT TITLE** | **FOOD CATCHER USING LOCATION-BASED VIA MOBILE APPLICATION** | | |

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| **CRITERIA** | **DESCRIPTION** | **SCORE**  **1-10** |
| **Title** | Food Catcher using location-based via mobile application |  |
| **Problem Statement** | 1. People is hard to find food outlet and display the detail of the food outlet location. 2. Most of food outlet is recommended by community but it is not satisfied the customer need. |  |
| **Objective** | 1. To recommend the shortest road food outlet around the user current location and display the distance to the location. 2. To provide information about the food outlet such as address, phone number, and location of the food outlet. |  |
| **Scope** | 1. Location at Melaka 2. User – public people and tourist |  |
| **Significance** | 1. Provide user the nearest location food outlets. 2. Prevents the waste of time. 3. Provide user share food location on social media. |  |
| **Research Element/Research focus**  **(including programming element if any)** | 1. GPS Coordinates 2. Android Studio 3. Firebase API 4. Java Language |  |
| **Expected Outcome** | 1. Easily find food outlet nearest user current location. 2. Share their food outlet location over social media. 3. Help user with recommended food outlet that has review by another customer. |  |
| **Overall Comments**  **(To be filled by lecturer)** |  | |

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| **Supervisor Name** |  | **Signature** |  | **Date** |  |
| **Lecturer Name** |  | **Signature** |  | **Date** |  |