**Story-1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Story Name: Install Android Studio in all members laptops** | | | | |
| **Estimation** | | 2.5 hours | **Priority** | High |
| **Story Description** | | | | |
| As a | Project group member | | | |
| We want | To develop good android project. | | | |
| So that | We can start to develop the Android project. | | | |
| **Acceptance Criteria** | | | | |

**Story 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Story Name – Setup the Git repository** | | | | |
| **Estimation** | | One day | **Priority** | High |
| **Story Description** | | | | |
| As a | Developer | | | |
| I want | To setup all team member contribution for project. | | | |
| So that | We can access easily same file. | | | |
| **Acceptance Criteria** | | | | |

**Story -3:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Story Name: Divide tasks to all team member** | | | | |
| **Estimation** | |  | **Priority** | Medium |
| **Story Description** | | | | |
| As a | Developer | | | |
| I want | To provide equal tasks to each member | | | |
| So that | They can equally contribute to implement good project. | | | |
| **Acceptance Criteria** | | | | |

**Story 4:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Story Name- Make a paper Prototype** | | | | |
| **Estimation** | | 2 days | **Priority** | Medium |
| **Story Description** | | | | |
| As a | Developer | | | |
| I want | To create an overall initial design. | | | |
| So that | All member will know about overall design of Application. | | | |
| **Acceptance Criteria** | | | | |

**Story 5:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Story Name-** Creating Interface | | | | |
| **Estimation** | |  | **Priority** | High |
| **Story Description** | | | | |
| As a | Developer | | | |
| I want | To create an interface consisting the list of destination | | | |
| So that | People can view and start the application | | | |
| **Acceptance Criteria** | | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Story Name: Implement Map into the Project** | | | | |
| **Estimation** | |  | **Priority** | High |
| **Story Description** | | | | |
| As a | Developer | | | |
| I want | To setup the real map in Project | | | |
| So that | People can easily find location. | | | |
| **Acceptance Criteria** | | | | |

**Story-6**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Story Name: Start to write documentation Abstract** | | | | |
| **Estimation** | |  | **Priority** | Medium |
| **Story Description** | | | | |
| As a | Developer | | | |
| I want | To specify the overall information of the project | | | |
| So that | Get all information related to the project | | | |
| **Acceptance Criteria** | | | | |

**Story 7**

**Story card 8:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Story Name: Write documentation parts project description** | | | | |
| **Estimation** | |  | **Priority** | High |
| **Story Description** | | | | |
| As a | Developer | | | |
| I want | To Describe the information of our project | | | |
| So that | Know about the what the project is. | | | |
| **Acceptance Criteria** | | | | |

**Story 9:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Story Name: list of places with details** | | | | |
| **Estimation** | | 1 day | **Priority** | Medium |
| **Story Description** | | | | |
| As a | Developer | | | |
| I want | To list all patrolling location with their details. | | | |
| So that | User can know their patrolling location and details associated with it. | | | |
| **Acceptance Criteria** | | | | |

**Story 10**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Story Name: Integrate those places and map** | | | | |
| **Estimation** | | 1 day | **Priority** | High |
| **Story Description** | | | | |
| As a | Developer | | | |
| I want | To integrate the various places with the map | | | |
| So that | The next location of the list will come at first | | | |
| **Acceptance Criteria** | | | | |

**Story 11.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Story Name: Integrate GPS and Map** | | | | |
| **Estimation** | | 5 h | **Priority** | High |
| **Story Description** | | | | |
| As a | Developer | | | |
| I want | To Integrate Map with the GPS location | | | |
| So that | User easily finds the location with the GPS | | | |
| **Acceptance Criteria** | | | | |

**Story 13**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Story Name: Connect list with map** | | | | |
| **Estimation** | | 5h | **Priority** | High |
| **Story Description** | | | | |
| As a | Developer | | | |
| I want | To connect list of the location with real google map | | | |
| So that | User finds the location how and where to go. | | | |
| **Acceptance Criteria** | | | | |

**Story 14**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Story Name: Write Project purpose, Objectives and Goal in Documentation** | | | | |
| **Estimation** | | 2 hours | **Priority** | Medium |
| **Story Description** | | | | |
| As a | Developer | | | |
| I want | To describe the purpose and objectives of this application | | | |
| So that | User finds the actual purpose and goals of the project in this part. | | | |
| **Acceptance Criteria** | | | | |

Story 15:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Story Name: Provide details to the map location in lists** | | | | |
| **Estimation** | | 2 hours | **Priority** | Medium |
| **Story Description** | | | | |
| As a | Developer | | | |
| I want | To provide the description of the map location in the list view | | | |
| So that | It became easy to know overall information of the saved location. | | | |
| **Acceptance Criteria** | | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Story Name: Find the TPS Algorithm** | | | | |
| **Estimation** | | 20h | **Priority** | High |
| **Story Description** | | | | |
| As a | Developer | | | |
| I want | To find the best algorithm for TPS | | | |
| So that | User can solve the problem about route | | | |
| **Acceptance Criteria** | | | | |

**Story 16**

**Story 17**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Story Name: get time to travel between location by using google map** | | | | |
| **Estimation** | | 5h | **Priority** | High |
| **Story Description** | | | | |
| As a | Developer | | | |
| I want | To provide the minimum time between the different location | | | |
| So that | User can find the best route with less time | | | |
| **Acceptance Criteria** | | | | |

**Story 18.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Story Name: Connect TSP algorithm and time** | | | | |
| **Estimation** | | 6 h | **Priority** | High |
| **Story Description** | | | | |
| As a | Developer | | | |
| I want | To give the connection with TSP algorithm and time | | | |
| So that | User easy to find the best route with minimum time interval. | | | |
| **Acceptance Criteria** | | | | |

**Story 19**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Story Name: Get the nearest location** | | | | |
| **Estimation** | | 2 h | **Priority** | Medium |
| **Story Description** | | | | |
| As a | Developer | | | |
| I want | To setup the way that user can add the location | | | |
| So that | User can find the nearest location that they saved. | | | |
| **Acceptance Criteria** | | | | |

**Story 20**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Story Name: Provide routes to the location** | | | | |
| **Estimation** | | 5 h | **Priority** | Medium |
| **Story Description** | | | | |
| As a | Developer | | | |
| I want | To provide route of the different user saved location | | | |
| So that | User can track the way of different location | | | |
| **Acceptance Criteria** | | | | |

**Story 21**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Story Name: Connect all modules together (every activity sequentially)** | | | | |
| **Estimation** | | 3 hours | **Priority** | Medium |
| **Story Description** | | | | |
| As a | Developer | | | |
| I want | To connect every events and pages to each other | | | |
| So that | The application will give the good output | | | |
| **Acceptance Criteria** | | | | |

**Story 22.**

**Story 23**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Story Name: Feed current GPS location at nth location toTSP** | | | | |
| **Estimation** | | 3 h | **Priority** | High |
| **Story Description** | | | | |
| As a | Developer | | | |
| I want | To setup the number location to TSP | | | |
| So that | User can add multiple number of location which they want. | | | |
| **Acceptance Criteria** | | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Story Name: Provide current GPS location** | | | | |
| **Estimation** | | 1h | **Priority** | High |
| **Story Description** | | | | |
| As a | Developer | | | |
| I want | To mark the current location where user have. | | | |
| So that | User able to know the current location. | | | |
| **Acceptance Criteria** | | | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Story Name: Check if all components are working properly** | | | | |
| **Estimation** | | 5 h | **Priority** | Medium |
| **Story Description** | | | | |
| As a | Developer | | | |
| I want | To check all modules and components are working properly or not | | | |
| So that | We are able to find all bugs | | | |
| **Acceptance Criteria** | | | | |

**Story 24**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Story Name: UML Design (Use case Diagram)** | | | | |
| **Estimation** | | 1 h | **Priority** | Medium |
| **Story Description** | | | | |
| As a | Developer | | | |
| I want | To create Use case diagram to describe the set of actions of system. | | | |
| So that | It helps to save the lots of time and describes all thing that might any wrong. | | | |
| **Acceptance Criteria** | | | | |

**Story 25:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Story Name: UML Design (Use case Diagram)** | | | | |
| **Estimation** | | 1 h | **Priority** | Medium |
| **Story Description** | | | | |
| As a | Developer | | | |
| I want | To create Use case diagram to describe the set of actions of system. | | | |
| So that | It helps to save the lots of time and describes all thing that might any wrong. | | | |
| **Acceptance Criteria** | | | | |

**Story 26:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Story Name: UML Design (Sequence Diagram) Documentation** | | | | |
| **Estimation** | | 2 h | **Priority** | Medium |
| **Story Description** | | | | |
| As a | Developer | | | |
| I want | To create Sequence Diagram to describe how objects operate with one another. | | | |
| So that | It helps to interact logic between the objects in the system in the time order that the interactions take place | | | |
| **Acceptance Criteria** | | | | |

Story 27

Story 27

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Story Name: Add UI Design in Documentation** | | | | |
| **Estimation** | | 1 h | **Priority** | Medium |
| **Story Description** | | | | |
| As a | Developer | | | |
| I want | To Add all UI Design of our project | | | |
| So that | We can view the overall design of the Application | | | |
| **Acceptance Criteria** | | | | |

Story 28

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Story Name: UML Design (Activity Diagram) Documentation** | | | | |
| **Estimation** | | 1h | **Priority** | Medium |
| **Story Description** | | | | |
| As a | Developer | | | |
| I want | To create that to represent the flow of activity from one to another activity. | | | |
| So that | We are able to know that the actual state of the system. | | | |
| **Acceptance Criteria** | | | | |

Story 29

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Story Name: Write Requirements of the Project in Documentation** | | | | |
| **Estimation** | | 2 h | **Priority** | Medium |
| **Story Description** | | | | |
| As a | Developer | | | |
| I want | To know the main Functional and non- Functional requirements of the application | | | |
| So that | We know about all possible requirements of Application. | | | |
| **Acceptance Criteria** | | | | |