ProjectPlanningPhase

**ProjectPlanningTemplate(ProductBacklog,SprintPlanning,Stories,Storypoints)**

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| ProjectName | IOTBASED SAFETYGADGETFORCHILD SAFETY  MONITORINGANDNOTIFICATION. |

ProductBacklog, SprintSchedule, andEstimation(

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| --- | --- | --- | --- | --- | --- |
| **Sprint** | **FunctionalRequirement(Epic)** | **UserStory /Task** | **Story Points** | **Priority** | **TeamMembers** |
| Sprint-1 | Registration | Asauser,Icanregisterfortheapplicationby  entering my email, and password, andconfirmingmypassword. | 4 | High | VijayAmarnath |
| Sprint-1 | ConfirmationEmail | Asauser,Iwillreceiveaconfirmationemail  onceIhave registeredforthe application | 4 | High | VijayAmarnath |
| Sprint-1 | Authentication | Asauser,Icanregisterfortheapplication  throughGmail andmobileapp. | 4 | Medium | VijayAmarnath |
| Sprint-1 | Login | Asa user, Ican logintotheapplication by  enteringemail &password | 4 | High | VijayAmarnath |
| Sprint-1 | Dashboard | Asauser,Ineedtobeabletoviewthefunctions  thatIcanperform | 4 | High | VijayAmarnath |
| Sprint-2 | Notification | Asa user, Ishould be ableto notifymyparent  andguardianinemergencysituations | 10 | High | Naveen |
| Sprint-2 | Storedata | Asa user, Ineedtocontinuouslystore my  locationdataintothedatabase. | 10 | Medium | Naveen |
| Sprint-3 | Communication | Ishould beabletocommunicatewith my  parents | 6 | Low | Gnanamurugan |

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| **Sprint** | **FunctionalRequirement(Epic)** | **UserStory /Task** | **Story Points** | **Priority** | **TeamMembers** |
| Sprint-3 | IOTDevice –  Watsoncommunication | ThedatafromIOT deviceshouldreach IBMCloud | 6 | Medium | Gnanamurugan |
| Sprint-3 | Node RED- CloudantDBcommunication | The data stored in IBM Cloud should beproperlyintegratedwithCloudantDB | 6 | High | Gnanamurugan |
| Sprint-4 | User–WebUI  interface | TheWeb UIshouldgetinputsfromtheuser | 7 | High | Nijth |
| Sprint-4 | Geofencing | The geofencing of the child should be donebasedon the geographicalcoordinates | 7 | High | Nijth |

Project Tracker,Velocity&BurndownChart:

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| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **TotalStory Points** | **Duration** | **SprintStart Date** | **SprintEndDate(Planned)** | **Story PointsCompleted (as onPlannedEndDate)** | **SprintReleaseDate(Actual)** |
| Sprint-1 | 20 | 4Days | 26 Oct2022 | 30 Oct2022 | 20 | 30 Oct2022 |
| Sprint-2 | 20 | 4Days | 01 Nov2022 | 04 Nov2022 | 20 | 04 Nov2022 |
| Sprint-3 | 20 | 4Days | 05 Nov2022 | 09 Nov2022 | 20 | 09 Nov2022 |
| Sprint-4 | 20 | 4Days | 10 Nov2022 | 14 Nov2022 | 20 | 14 Nov2022 |

BurndownChart:



BurndownChart

Planned

Actual

7

6

6

5

5

5

4

4

4

3

3

2

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