**Project Planning Phase**

Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

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| Date | 26 October 2022 |
| Team ID | PNT2022TMID02193 |
| Project Name | VirtualEye- Life Guard for Swimming Pools to  Detect Active Drowning |
| Maximum Marks | 4 Marks |

Prepare Milestone and Activity List

**Product Backlog, Sprint Schedule, and Estimation (4 Marks)**

Use the below template to create product backlog and sprint schedule

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| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| Sprint-1 | Registration | USN-1 | As a user, I can register for the application by entering my email, password, and confirming  my password. | 2 | High | Prasanna Venkat A Mohan Sai  Sai Krishnam Raju  Anand Prince |
| Sprint-1 | Registration | USN-2 | As a user, I will receive confirmation email once I have registered for the application | 1 | High | Prasanna Venkat A Mohan Sai  Anand Prince |
| Sprint-1 | Registration | USN-3 | As a user, I can register for the application through Facebook | 2 | Low | Prasanna Venkat A Mohan Sai  Anand Prince |
| Sprint-1 | Registration | USN-4 | As a user, I can register for the application through Gmail | 2 | Medium | Prasanna Venkat A Mohan Sai  Anand Prince |
| Sprint-1 | Login | USN-5 | As a user, I can log into the application by entering email & password | 1 | High | Prasanna Venkat A Mohan Sai  Sai Krishnam Raju  Anand Prince |

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| Sprint-2 | Dataset Collect | USN-6 | Collect number of datasets and get accuracy | 2 | Medium | Prasanna Venkat A Mohan Sai  Sai Krishnam Raju  Anand Prince |
| Sprint-2 | Pre-processing | USN-7 | The dataset is extracted | 2 | High | Prasanna Venkat A Mohan Sai  Anand Prince |
| Sprint-2 | Train the model | USN-8 | Train the model. | 4 | High | Prasanna Venkat A Mohan Sai  Anand Prince |
| Sprint-2 | Test the model | USN-9 | Test the model | 6 | High | Prasanna Venkat A Mohan Sai  Sai Krishnam Raju  Anand Prince |
| Sprint-3 | Detection | USN-10 | Load the trained model. | 3 | High | Prasanna Venkat A Mohan Sai  Sai Krishnam Raju  Anand Prince |
| Sprint-3 | Detection | USN-11 | Identify the person by collecting real-time data through a webcam. | 5 | Medium | Prasanna Venkat A Mohan Sai  Sai Krishnam Raju  Anand Prince |
| Sprint-3 | Detection | USN-12 | Classify it by using a trained model to predict the output | 8 | High | Prasanna Venkat A Mohan Sai  Anand Prince |
| Sprint-4 | Detection | USN-13 | If person is drowning, the system will ring an alarm to give signal | 7 | High | Prasanna Venkat A Mohan Sai  Sai Krishnam Raju  Anand Prince |
| Sprint-4 | Detection | USN-14 | As a User, I can detect the drowning person. | 3 | Medium | Prasanna Venkat A Mohan Sai  Anand Prince |
| Sprint-4 | Logout | USN-15 | As a User, I can logout the application. | 2 | Low | Prasanna Venkat A Mohan Sai  Sai Krishnam Raju  Anand Prince |