

Project Planning Phase

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

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| Date | 31 October 2022 |
| Team ID | PNT2022TMID25825 |
| Project Name | Virtual Eye - Life Guard for Swimming Pools to Detect Active Drowning |
| Maximum Marks | 8 Marks |

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

Use the below template to create product backlog and sprint schedule

| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members |
|----------|-------------------------------|-------------------|---|--------------|----------|--|
| Sprint-1 | Registration | USN-1 | As a lifeguard , I can register for the application by entering my email, password, and confirming my password. | 2 | High | Kavini P Prarthana R Meenakshi Akila P S Nivetha V |
| Sprint 1 | User conformation | USN-2 | As a lifeguard, I will receive the conformation mail once I have registered for the application | 2 | Medium | Kavini P Prarthana R Meenakshi Akila P S Nivetha V |
| Sprint-1 | Login | USN-3 | As a lifeguard , I can log into the application by entering email& password | 2 | High | Kavini P Prarthana R Meenakshi Akila P S Nivetha V |
| Sprint-2 | Cloudant DB | USN-1 | Create DB | 2 | High | Kavini P Prarthana R Meenakshi Akila P S Nivetha V |

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| Sprint-3 | Coding (Accessing datasets) | USN-1 | Coding is a set of instructions used to manipulate information so that a certain input results in a particular output. | 2 | High | Kavini P Prarthana R Meenakshi Akila P S Nivetha V |
| Sprint-4 | Application building | USN-1 | As a Lifeguard , It will show the current Information of the swimming pool | 1 | Medium | Kavini P Prarthana R Meenakshi Akila P S Nivetha V |

Project Tracker, Velocity & Burndown Chart: (4 Marks)

| Sprint | Total Story Points | Duration | Sprint Start Date | Sprint End Date (Planned) | Story Points Completed (as on Planned End Date) | Sprint Release Date (Actual) |
|---------------|---------------------------|-----------------|--------------------------|----------------------------------|--|-------------------------------------|
| Sprint-1 | 20 | 4 Days | 24 Oct 2022 | 27 Oct 2022 | 20 | 29 Oct 2022 |
| Sprint-2 | 20 | 5 Days | 28 Oct 2022 | 01 Nov 2022 | 20 | 04 Nov 2022 |
| Sprint-3 | 20 | 8 Days | 02 Nov 2022 | 09 Nov 2022 | 20 | 11 Nov 2022 |
| Sprint-4 | 20 | 9 Days | 10 Nov 2022 | 18 Nov 2022 | 20 | 19 Nov 2022 |
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