Introduction

In this sprint we made ourselves familiar with agile methodology and scrum. We decided to use trello for task management and Git for version management. We got Git installed in our machines and each member created an account on Git and trello.

Task objectives for sprint 0

1. Download and install Git.
2. Create account on Git.
3. Create project backlog.
4. Communicate achievements of research till date through trello and Git.

Backlog for sprint 0

|  |  |  |  |
| --- | --- | --- | --- |
| S.N | Task Description | Estimate | Priority |
| 1 | Download and Install Git. | 2 | 1 |
| 2 | Create account on Git. | 0.5 | 2 |
| 3 | Create repository of the project on Git. | 0.5 | 3 |
| 4 | Download and clone the project repository. | 0.5 | 4 |
| 5 | Share the outcomes of research and relevant documents of the project till date in the DOCS folder in repository. | 0.5 | 5 |
| 6 | Create account in trello and create new board ‘Delivery Planning System’. | 0.5 | 6 |
| 7 | Create project backlog for next sprint i.e. sprint 1. | 1 | 7 |
| 8 | Continue research. | 10 | 8 |

Task Performance table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S.N | Task Description | Priority | Assigned | Status |
| 1 | Download and Install Git. | 1 | All members | Completed |
| 2 | Create account on Git. | 2 | All members | Completed |
| 3 | Create repository of the project on Git. | 3 | Nabeen Khadka | Completed |
| 4 | Download and clone the project repository. | 4 | Bipin Pandey  Prakash Aryal  Sanjay Raut | Completed |
| 5 | Share the outcomes of research and relevant documents of the project till date in the DOCS folder in repository. | 5 | All members | Completed |
| 6 | Create account in trello and create new board ‘Delivery Planning System’. | 6 | All members | Completed |
| 7 | Create project backlog for next sprint. i.e sprint 1. | 7 | All members | Not Completed |
| 8 | Continue research. | 8 | All members | Carried Over |

Sprint Review

|  |  |
| --- | --- |
| Total number of tasks | 8 |
| Total number of tasks completed | 6 |
| Total number of tasks carried over | 1 |
| Total number of tasks hold on | 0 |

Sprint Retrospective

1. Tasks that went well.
   1. All the tasks except for creating a backlog for next sprint was not completed.
2. Problems.
   1. Communicating through trello was confusing at the beginning.
   2. There was no proper place for back log in trello so same backlog was not well reflected in trello resulting in same task performed by multiple members.
3. Correction for next sprint.
   1. A proper backlog should be maintained in external sheet and its update should be made visible to other members.