**Week 1 Managerial Report**

Team: - TEAM J5

Manager: - Saiteja Janjirala

Team members: -

Vamshi Kishore Aemula

Nithish Sai Vardhan Gollpapani

Mahesh Ramachandrapu

Monish Bhogegowda Shylaja

Sai Venkata Shreyas bandaru

Meetings: -

04/15/23: Discussed regarding teams’ knowledge in python, tools we are going to use and resources to learn PyTests.

04/19/23: Discussed PyTests, git, gitlab and metrics to consider while writing the code.

Resources to learn PyTest and GitLab: -

PyTest: - <https://youtu.be/UL0opWf3DeM>

Git : - <https://medium.com/@anjalirajput394/getting-started-with-git-and-pushing-existing-project-on-github-ba613a7fa7a1>

Tasks:

Task1: - Learn to write unit tests in python.

Task2: - Learn to use git and GitLab.

Task 3: - Write calculator program and write unit tests for them.

Code Metrics: -

time, and space complexity.

Assignments Per Team Members: -

Each team member is assigned the same task to write a calculator program and write PyTests for them and push the code into the GitLab repository with their name as their branch name.

Tasks List: -

|  |  |  |  |
| --- | --- | --- | --- |
| Team Member | Task1 | Expected Time (In hours) | Actual Time (In hours) |
| Vamshi Kishore | completed | 2h | 1h |
| Nithish Sai Vardhan | completed | 2h | 1h |
| Mahesh | completed | 3h | 2h |
| Shreyas | completed | 3h | 1h |
| Monish | completed | 3h | 1h |

|  |  |  |  |
| --- | --- | --- | --- |
| Team Member | Task2 | Expected Time (In hours) | Actual Time (In hours) |
| Vamshi Kishore | completed | 2h | 1h |
| Nithish Sai Vardhan | completed | 2h | 1h |
| Mahesh | completed | 2h | 2h |
| Shreyas | completed | 2h | 1h |
| Monish | completed | 2h | 2h |

|  |  |  |  |
| --- | --- | --- | --- |
| Team Member | Task2 | Expected Time (In hours) | Actual Time (In hours) |
| Vamshi Kishore | completed | 4h | 2h |
| Nithish Sai Vardhan | completed | 4h | 2h |
| Mahesh | completed | 4h | 3h |
| Shreyas | completed | 4h | 3h |
| Monish | completed | 4h | 3h |

Milestone Status: -

Based on the assignments per team member section, all team members have completed the three assigned tasks of learning Python, writing unit tests in Python, and learning to use Git and GitLab. Therefore, the milestone status can be reported as "Completed", indicating that the team has successfully achieved the set milestone. The team can now move on to the next set of tasks or milestones as per their project requirements.

Retrospective Suggestions: -

* Everyone in the team is comfortable with python and have learned PyTests within a short time and are comfortable in the test-driven development manner.
* At the start everyone is not comfortable with git and gitlab and after watching some videos related to git and gitlab and some of use helped each other at the end of the task completion everyone is comfortable with git and gitlab and able to clone the repositories, create branches and push them.