

Estimate of Person-Hours:

Project 1 Story Approximations:

Meetings: $2 * 1.5 = 3$ (1 hour of meetings about design and plan divided amongst all members)

Stories: $2 * 5 = 10$ (Approximately 2 hours of time spent by each person on their respective components)

Total: 13

Project 2 Story Approximations:

Meetings: 1

Code Reading: $2 + 4 * 1 = 6$ (Member working on AI had to understand more of original code base taking about 2 hours whereas remaining members took less time)

Stories: $2 + 4 * 1.5 = 8$ (Overall, additional functionalities didn't take as much time as Project 1 with exception of AI)

Total: 15

Project 3:

Meetings: 1

System Design and Documentation: 4 (This will be a major portion for this project)

Stories: $2 * 5 = 10$

Total: 15

Project 4:

Meetings: 1

System Design and Documentation: 6

Stories: 5

Tests: 4

Total: 16