

Sprint 3 Report

CSE 4316

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October 8th, 2023

Sprint start date: September 23rd, 2023
Sprint end date: October 7th, 2023
Project title: Find My Covid
Team name: Covid Catchers
Partners: Dev Naganoolil
Aryan Mainkar
Muhammad Zuhaimi
Muhammad Zaharudin
Instructor: Christopher Conly

1 Sprint Goal

Sprint goal: Start of React Web app through the utilization of APIs, and finalization of research.

2 Sprint Backlog

Task description	Estimated Work (hours)	Actual Work (hours)
Research Tools	5.0	4.0
Start on React App	33.0	15.0
Create Sprint Planning and Sprint Testing Presentations	2.0	1.0
TOTAL	40.0	26.0

3 Individual Time Expenditures

Task Description	Actual Work (hours)	Percent Complete
Research Tools	5.0	100%
- Investigating various APIs for integration	2.5	100%
- Documenting findings and possible challenges	2.5	100%
Start on React App	20.0	60%
- Initial setup and configuration of React environment	6.0	100%
- Developing basic UI components	8.0	50%
- Integrating first set of APIs	6.0	30%
Create Sprint Planning and Sprint Testing Presentations	1.0	50%
- Outlining key points for Sprint Planning presentation	0.5	100%
- Drafting initial slides for Sprint Testing presentation	0.5	0%
TOTAL	26.0	65%

4 Team Burndown Chart

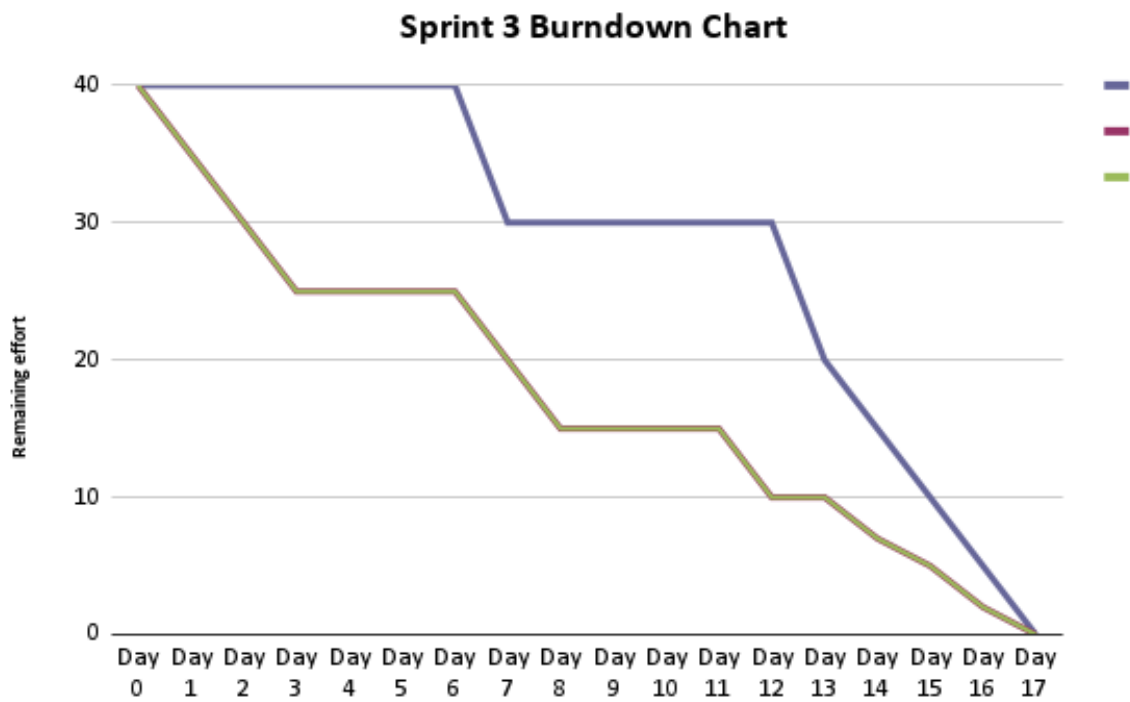


Figure 1: Sprint 3 Burndown Chart

5 Individual Retrospective

Reflection on the tasks and personal performance during Sprint 3:

Challenges Faced:

- Encountered difficulties in API integration, requiring additional research and testing.
- Balancing time between React app development and documentation was challenging.

Learning Points:

- Gained a deeper understanding of React and its ecosystem.
- Improved skills in API integration and problem-solving.

Looking Forward:

- Plan to allocate more time for API integration complexities.
- Aim to enhance collaboration with team members for effective problem-solving.

Actions for Next Sprint:

- **Start:** Regular check-ins with team members for progress updates.
- **Stop:** Avoiding deep dives into technical issues without consulting the team.
- **Continue:** Diligent documentation of development progress and challenges.

6 Peer Review

Provide a review for each individual team member's performance during this sprint, including yourself. This review should be your own candid opinion. Each item should be assigned a numeric grade of 1-5, where 1 is the lowest possible score and 5 is the highest.

Evaluation items:

- Participation - Was the team member present during meetings, work sessions, or any other planned team activities? Did they actively contribute to the development of the project?
- Communication - Did the team member provide timely updates on progress or challenges faced? Did they use any official team communication technologies effectively?
- Work quality - Was the team member willing to claim tasks from the backlog? Did the work reported by the team member provide added value to the project? If bugs were present or features were skipped, how severe was the negative impact?
- Professionalism - Did the team member conduct themselves in a way that would generally be acceptable in a professional work environment while participating in team activities? Were they respectful of their teammates? Are they taking the project seriously?
- Overall - How valuable overall was this team member to the project during this evaluation period? You may consider factors not covered in other evaluation items.

Team member name	Participation	Communication	Professionalism	Work quality	Overall
Aryan Mainkar	5	4	5	4	5
Dev Naganoolil	4	5	4	5	5
Muhammad Zuhaimi	4	5	4	5	5
Muhammad Zaharudin	4	5	4	5	4