

Sprint Report 1

For

CurtinTalentTrack

Version 1.0

Prepared By

SD06

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1. Product Status

The development team for the first sprint has made significant progress in laying down the foundation for the **CurtinTalentTrack** application. The team has focused on implementing core functionalities, ensuring that the backend is properly coded and tested. The following outlines the current status of the project:

1.1. Completed Features (100% Functional and Tested Manually):

- 3.2 User Registration and Sign-Up Feature:
 - The registration and sign-up functionality are fully implemented and tested manually. Users can securely register, and the system validates user inputs and then creates accounts.
 - Testing: Manual testing has been completed (No extensive test cases yet, will do that later). Automated testing with Selenium will be implemented in future sprints.
- 3.4 Public Speaking Practice Feature:
 - Users can now record and upload speeches, view sample videos, and receive feedback from evaluators. The feature is fully functional and has been manually tested.
 - Testing: Manual testing has been completed (No extensive test cases yet, will do that later). Automated testing with Selenium will be implemented in future sprints.
- 3.6 Written Communication Practice Feature:
 - Users can submit written tasks (e.g., emails, memos) for evaluation. Evaluators can provide feedback, and the system notifies users upon submission. This feature is fully functional and manually tested.
 - Testing: Manual testing has been completed (No extensive test cases yet, will do that later). Automated testing with Selenium will be implemented in future sprints.
- 3.8 Event Creation and Management Feature:
 - Administrators can create, edit, and delete events, while users can register for events and receive reminders. This feature is fully functional and has been manually tested.
 - Testing: Manual testing has been completed (No extensive test cases yet, will do that later). Automated testing with Selenium will be implemented in future sprints.

1.2. Partially Completed Features (Functionality Done, Interface Improvements Pending):

- 3.7 Critical Thinking/Problem-Solving Practice Feature:
 - The core functionality for quizzes and problem-solving exercises is 100% complete. However, both the client and supervisor have advised adding a separate interface for entering and managing questions. This interface will be developed in the next sprint.
 - Testing: Manual testing has been completed (No extensive test cases yet, will do that later). Automated testing with Selenium will be implemented in future sprints.

1.3. Features to be Completed in the Next Sprint:

- 3.5 Interview Practice Feature:
 - This feature will allow users to schedule and participate in mock interviews. It is planned for development in the next sprint.
 - Progress: 0% (Not started yet).
- 3.9 Admin Dashboard Feature:
 - The admin dashboard will allow administrators to manage users, events, and evaluators. This feature is planned for development in the next sprint.
 - Progress: 0% (Not started yet).

1.4. Overall Progress:

- Functionality Completion: Approximately 70% of the core functionality is complete.
 - Completed Features: 100% (Registration, Public Speaking, Written Communication, Event Management).
 - Partially Completed Features: 80% (Critical Thinking/Problem-Solving, pending interface).
 - Remaining Features: 0% (Interview Practice, Admin Dashboard).
- Testing:
 - Manual testing has been completed for all implemented features (No extensive test cases but basic inputs have been manually tested).
 - Automated testing (e.g., Selenium) will be introduced in future sprints.

1.5. Next Steps:

- Next Sprint Focus:
 - Complete the Interview Practice Feature (3.5).
 - Develop the Admin Dashboard Feature (3.9).
 - Add a separate interface for questions addition in the Critical Thinking/Problem-Solving Feature (3.7).
 - Begin implementing automated testing for completed features.
- Future Enhancements:
 - Improve the user interface based on client feedback.
 - Conduct security audits and performance optimizations.

1.6 Evidence

[Demo Video of the runtime \(Google Drive link\)](#)

2. Agile

2.1 Agile Development Process

We adopted agile process throughout planning the CurtinTalentTrack application. It outlines the Agile practices we followed including client interactions, internal team meetings.

2.2 Client Feedback and Meetings

2.2.1 Regular Meeting with Client

We conducted our meetings with our client to get feedback and refine our planning process.

- We took meeting minutes of every meeting we had, which were emailed to our client
- We collected all our email communications and stored it in a Google Drive.
https://drive.google.com/drive/folders/1dWgJYLCUclAhbinHUjcis0zHKZqCL_Ea?usp=sharing
- We stored all our meeting minutes in a Google Drive and shared with all group members linked below

Group Meetings for sprint-

<https://drive.google.com/drive/folders/1lMW2iTmS5PUKzoaauWTKr0sbevbDuQBJ?usp=sharing>

Client Meeting -

https://drive.google.com/file/d/1_U0F2P0eb8ZUjQCpTLQ8VRJKi3tNYRT8/view?usp=drive_link

The first client meeting in this first sprint held on 06th March 2025 and our briefed us about features and gave an overview of the required application. All meeting was documented by Anjana.

2.3 Internal Communications and Sprint Planning

2.3.1 Daily Communication

We made a WhatsApp group and communicated through the group to discuss progress and have daily updates on the project.

2.3.2 Meeting Documentation

We uploaded all our group meeting minutes to a Google Drive and we copied our supervisor to the said mail. (Minutes were documented by Anjana)

Group Meeting 1-

https://drive.google.com/file/d/1EOSQiSNkg02NKMqS1JCpvxz7Vivm8gz8/view?usp=drive_link

Group Meeting 2-

https://drive.google.com/file/d/1yBh13n9Oyyf_Pa5l7XG7oib-L0TizFR-/view?usp=drive_link

Group Meeting 3-

https://drive.google.com/file/d/1eEo_Z2FdkUc3DQ8r_WSUfKazGC3tsz7n/view?usp=drive_link

2.4 Progress Tracking and Metrics

All charts are in a spreadsheet in the Google Drive link below:

https://docs.google.com/spreadsheets/d/1A4rL5wQFFHQyFUV-AA9DDfOwMRXye3PIM3T-xgkM-_4/edit?usp=sharing

2.4.1 Time Tracking

We used Toggl Track to keep track the time spent. This allowed us to monitor our progress accurately and ensure we were on track to meet deadlines. All our Toggl reports are uploaded to a Google Drive. (Link below)

https://drive.google.com/drive/folders/14kS4vMcKC0nj33y8N390175pJQscj Jub?usp=drive_link

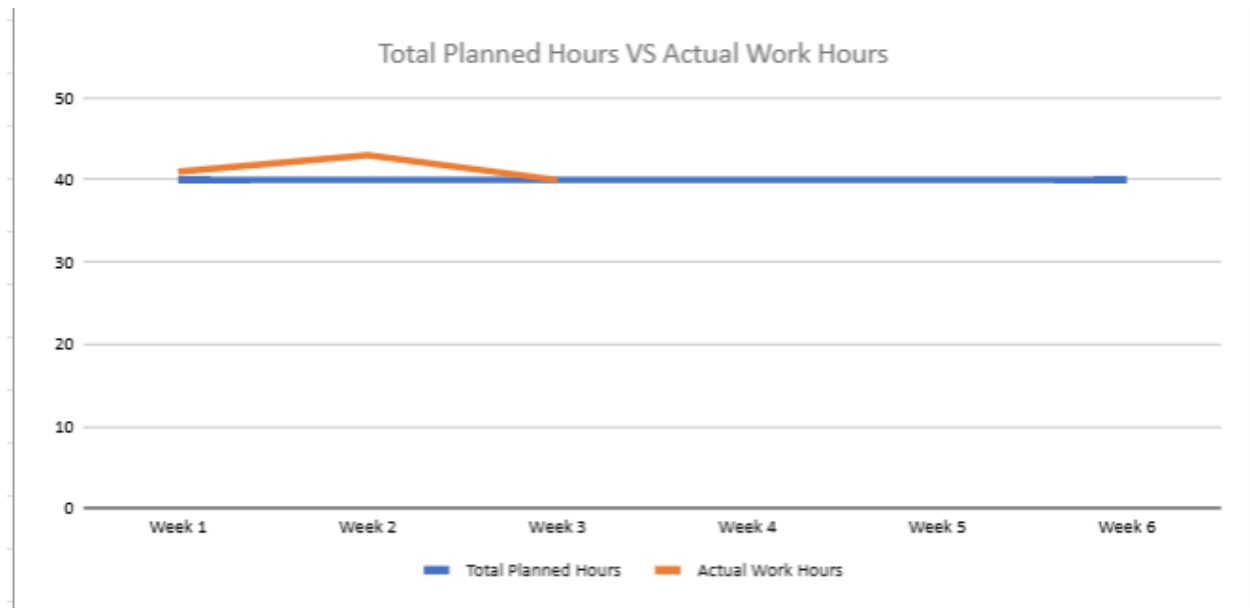


Figure 1 - time chart we drew using data from Toggl

2.4.2. Burn Up Chart

We created a burnup chart to track our progress and gave story points to get an idea on how things are going.

https://docs.google.com/spreadsheets/d/1A4rL5wQFFHQyFUV-AA9DDfOwMRXye3PIM3T-xgkM-_4/edit?gid=344654103#gid=344654103

2.4.3 Sprint Backlog

We used the following sprint backlog to give tasks to members and keep track of the progress.

Milestone 01		Coding					
Sprint 01		24/02/25 - 13/03/25		Task Completion		78.13%	
Task no	Task	Owner	Priority	Start Date	Dead Line	Status	
1	Backend basic structure	Anjana	High	24-Feb-2025	13-Mar-2025	Done	
2	Login feature					Done	
2.1	New user clicks "Sign Up"	Anjana	High	24-Feb-2025	13-Mar-2025	Done	
2.2	User submits details	Anjana	High	24-Feb-2025	13-Mar-2025	Done	
2.3	System creates user	Anjana	High	24-Feb-2025	13-Mar-2025	Done	
2.4	Role Based Login(Admins and Evaluator)	Anjana	High	24-Feb-2025	13-Mar-2025	Done	
3	Public Speaking					Done	
3.1	User selects "Public Speaking"	Anjana	High	24-Feb-2025	13-Mar-2025	Done	
3.2	System displays options to submit/upload speech	Anjana	High	24-Feb-2025	13-Mar-2025	Done	
3.3	User uploads speech	Anjana	High	24-Feb-2025	13-Mar-2025	Done	
3.4	System notifies evaluator	Anjana	High	24-Feb-2025	13-Mar-2025	Done	
3.5	Evaluator reviews speech via evaluator dashboard	Anjana	High	24-Feb-2025	13-Mar-2025	Done	
3.6	User receives feedback on their profile.	Anjana	High	24-Feb-2025	13-Mar-2025	Done	
4	Written Communication					Done	
4.1	User selects "Written Communication Practice"	Malith	High	24-Feb-2025	13-Mar-2025	Done	
4.2	System displays writing tasks	Malith	High	24-Feb-2025	13-Mar-2025	Done	
4.3	User submits written task	Malith	High	24-Feb-2025	13-Mar-2025	Done	
4.4	System notifies evaluator	Malith	High	24-Feb-2025	13-Mar-2025	Done	
A							
4.3	User submits written task	Malith	High	24-Feb-2025	13-Mar-2025	Done	
4.4	System notifies evaluator	Malith	High	24-Feb-2025	13-Mar-2025	Done	
4.5	Evaluator reviews and provides feedback	Malith	High	24-Feb-2025	13-Mar-2025	Done	
4.6	Feedback is displayed to the user	Malith	High	24-Feb-2025	13-Mar-2025	Done	
5	Critical Thinking					Done	
5.1	User selects "Critical Thinking Practice"	Hesara	High	24-Feb-2025	13-Mar-2025	Done	
5.2	System shows available exercises	Hesara	High	24-Feb-2025	13-Mar-2025	Done	
5.3	User submits completed exercise	Hesara	High	24-Feb-2025	13-Mar-2025	Done	
5.4	System grades the exercise	Hesara	High	24-Feb-2025	13-Mar-2025	Done	
5.5	Feedback/grades displayed to the user.	Hesara	High	24-Feb-2025	13-Mar-2025	Done	
6	Event Calander					Done	
6.1	Admin selects "Create Event"	Rizkan	High	24-Feb-2025	13-Mar-2025	Done	
6.2	System presents event creation form	Rizkan	High	24-Feb-2025	13-Mar-2025	Done	
6.3	Admin submits event details	Rizkan	High	24-Feb-2025	13-Mar-2025	Done	
6.4	Users register for events	Rizkan	High	24-Feb-2025	13-Mar-2025	Done	
6.5	System updates participant list and displays events.	Rizkan	High	24-Feb-2025	13-Mar-2025	Done	
7	Interview practice					To do	
7.1	User selects "Interview Practice"	TBA	Medium	24-Feb-2025	13-Mar-2025	To do	
7.2	System shows available slots for mock interview	TBA	Medium	24-Feb-2025	13-Mar-2025	To do	
7.3	User books a slot	TBA	Medium	24-Feb-2025	13-Mar-2025	To do	
7.4	System schedules interview and notifies the user	TBA	Medium	24-Feb-2025	13-Mar-2025	To do	
7.5	Interview is recorded	TBA	Medium	24-Feb-2025	13-Mar-2025	To do	
7.6	Feedback from evaluator is stored and shown to the user.	TBA	Medium	24-Feb-2025	13-Mar-2025	To do	
8	Admin panel					To do	
8.1	Admin selects "Admin Dashboard"	TBA	Medium	24-Feb-2025	13-Mar-2025	To do	

Figure 2 - Screenshot of the sprint backlog

Sprint Backlog -

https://docs.google.com/spreadsheets/d/1A4rL5wQFFHqYFUV-AA9DDfOwMRXye3PIM3T-xgkM-_4/edit?gid=1699687092#gid=1699687092

2.5. Repository

Our team used Bitbucket for version control in our project. During the first sprint, we gained valuable experience working with Bitbucket and established a structured workflow for repository management. Below is an overview of our process:

1. **Repository Management System:**
Our team adopted a well-defined system for repository management, ensuring smooth version control and effective team collaboration. This system has allowed us to work efficiently and maintain organized codebases.
2. **Git Branching Strategy:**
We maintain a main branch that contains the finalized code for Sprint 1. Feature branches are created for individual tasks, and once development and testing are complete, these branches are merged into the main branch.
3. **Merge Conflict Resolution:**
When merge conflicts arise in feature branches, team members resolve them locally. After resolving conflicts, they submit merge requests to the development branch for testing. Once testing is successful, the changes are merged into the main branch.
4. **Pull Request Review Process:**
We implemented a pull request review system where at least two team members review and approve each request before merging. This ensures code quality and reduces the risk of errors.
5. **Sprint Review Documentation:**
All changes made to the project plan, as well as any challenges encountered during the sprint, are documented in our sprint review. This helps us track progress, identify areas for improvement, and plan for future sprints.

The Sprint 01 Branch(Link)

https://bitbucket.org/Computing_Projects_SLIIT/sd06-2024-talenttrack/commits/branch/sprint01-FINAL

Links to the merges to the sprint 01 branch

Anjana Wishwajith Premadasa (20463382)

https://bitbucket.org/Computing_Projects_SLIIT/sd06-2024-talenttrack/commits/branch/feature%2Fpublic-speaking

Malith Pramuditha (20926076)

https://bitbucket.org/Computing_Projects_SLIIT/sd06-2024-talenttrack/commits/branch/feature%2Fwritten-communication

Hesara Yasaswin Pathirana (20928386)

https://bitbucket.org/Computing_Projects_SLIIT/sd06-2024-talenttrack/commits/branch/feature%2Fcritical-thinking

Rizkan Rhazes (21309380)

https://bitbucket.org/Computing_Projects_SLIIT/sd06-2024-talenttrack/commits/branch/feature%2Fevent-management

2.5.1 Individual Branches

[Branching Plan Google link](#)



Figure 3 - Screenshot of feature branches

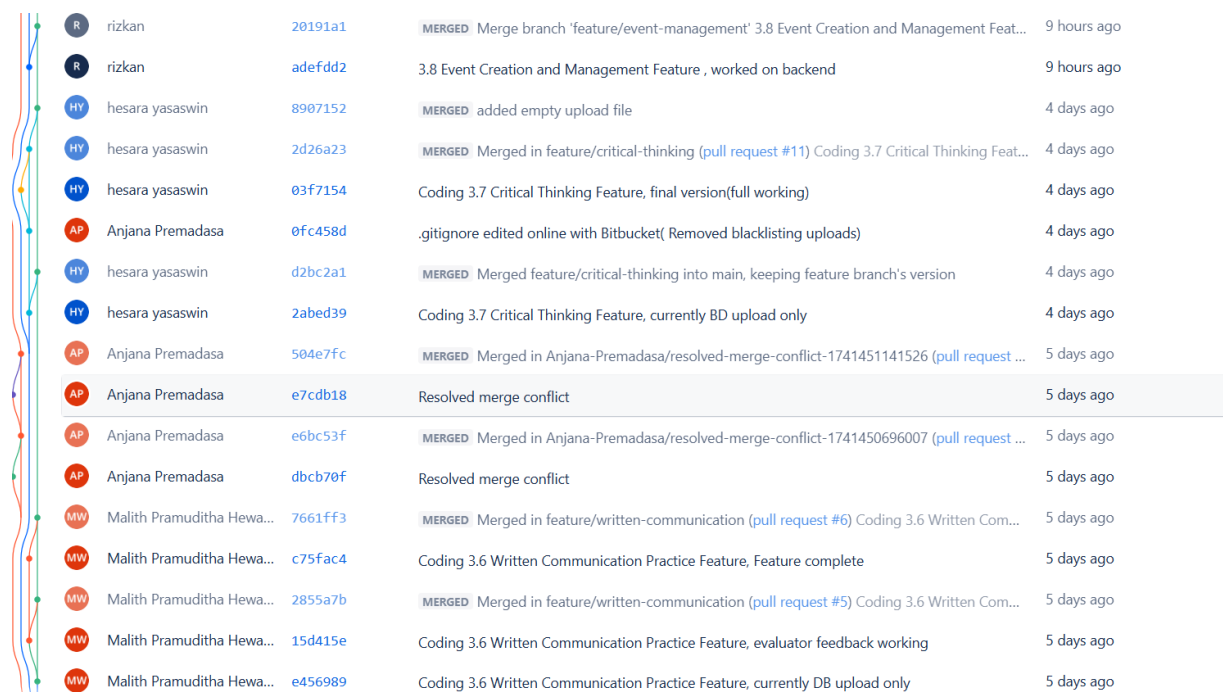


Figure 4 - Screenshot of Commits

2.6. Attribution Table

Student Name	Task No (As per SRS)	Task
Anjana	No specific no in SRS	Backend Basic structure + Mongo dB connection
	3.2	Login Feature
		New User Clicks "Sign Up"
		User submits details
		System Creates user
		Role Based Login
	3.4	Public speaking
		User selects "public speaking"
		System displays options to submit/upload speech
		User uploads speech
		System notifies evaluator
		Evaluator reviews speech via evaluator dashboard
		User receives feedback on their profile.
Malith	3.6	Written Communication
		User selects "Written Communication Practice"
		System displays writing tasks
		User submits written task
		System notifies evaluator
		Evaluator reviews and provides feedback
		Feedback is displayed to the user
Hesara	3.7	Critical Thinking
		User selects "Critical Thinking Practice"

		System shows available exercises
		User submits completed exercise
		System grades the exercise
		Feedback/grades displayed to the user.
Rizkan	3.8	Event Calander
		Admin selects "Create Event"
		System presents event creation form
		Admin submits event details
		Users register for events
		System updates participant list and displays events.