



**National University**  
Of Computer and Emerging Sciences

# **Trello Board**

An Assignment presented to

**Sir Basharat Hussain**

In partial fulfillment  
of the requirement for the course of

***Software Engineering***

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# Trello Board (Sprint1-Sprint2)

## Start of Sprint 2

The Trello board is organized into five columns, each representing a different stage of the sprint process. The 'Product Backlog' column lists various tasks, while the 'Scrum 1 Backlog' and 'Scrum 2 Backlog' columns show tasks that are being worked on or completed. The 'In Progress' column is currently empty, and the 'Testing' column shows tasks that have been completed.

Product Backlog	Scrum 1 Backlog	Scrum 2 Backlog	In Progress	Testing
Report Bugs or issues	✓ View Course Content	Quiz Participation	+ Add a card	✓ View Course Content
Manage Users (Add/remove Students & Industry)	✓ User Login	Add a new Course		✓ User Login
Handle Admin Requests	✓ User Registration	Add a Quiz to Course		✓ User Registration
Offer Internship to Students	✓ Store User Credentials with Cookies	View Quiz Results		✓ Store User Credentials with Cookies
Manage Internship/Job	✓ User Profile Management	Analyze Student Performance		✓ User Profile Management
Leaderboard Filtering	✓ Student Course Enrollment	View CodeFast Activity		✓ Student Course Enrollment
Course Completion Certificate	✓ Password Reset	Receive System Notification		✓ Password Reset
Add a new Job post with Job Credentials	+ Add a card	+ Add a card		+ Add a card
Add a New Internship				
Access Study Materials with Premium Membership				
View Performance LeaderBoard				
Students Apply for Internships				
+ Add a card				

## Middle of Sprint 2

The Kanban board displays the following tasks across its columns:

- Product Backlog**
  - Report Bugs or issues
  - Manage Users (Add/remove Students & Industry)
  - Handle Admin Requests
  - Offer Internship to Students
  - Manage Internship/Job
  - Leaderboard Filtering
  - Course Completion Certificate
  - Add a new Job post with Job Credentials
  - Add a New Internship
  - Access Study Materials with Premium Membership
  - View Performance LeaderBoard
  - Students Apply for Internships
- Scrum 1 Backlog**
  - ✓ View Course Content
  - ✓ User Login
  - ✓ User Registration
  - ✓ Store User Credentials with Cookies
  - ✓ User Profile Management
  - ✓ Student Course Enrollment
  - ✓ Password Reset
- Scrum 2 Backlog**
  - Analyze Student Performance
  - View CodeFast Activity
  - Receive System Notification
- In Progress**
  - ✓ Add a Quiz to Course
  - ✓ Add a new Course
  - ✓ View Quiz Results
  - ✓ Quiz Participation
- Testing**
  - ✓ View Course Content
  - ✓ User Login
  - ✓ User Registration
  - ✓ Store User Credentials with Cookies
  - ✓ User Profile Management
  - ✓ Student Course Enrollment
  - ✓ Password Reset

# End of Sprint 2

Product Backlog

Report Bugs or issues

Manage Users (Add/remove Students & Industry)

Handle Admin Requests

Offer Internship to Students

Manage Internship/Job

Leaderboard Filtering

Course Completion Certificate

Add a new Job post with Job Credentials

Add a New Internship

Access Study Materials with Premium Membership

View Performance LeaderBoard

Students Apply for Internships

+ Add a card

Scrum 1 Backlog

View Course Content

User Login

User Registration

Store User Credentials with Cookies

User Profile Management

Student Course Enrollment

Password Reset

+ Add a card

Scrum 2 Backlog

+ Add a card

In Progress

Receive System Notification

Analyze Student Performance

View CodeFast Activity

Add a Quiz to Course

Add a new Course

View Quiz Results

Quiz Participation

+ Add a card

Testing

View Course Content

User Login

User Registration

Store User Credentials with Cookies

User Profile Management

Student Course Enrollment

Password Reset

+ Add a card

# Final Board:

CodeFast

☆

Workspace visible

Board

Burndown Charts for Trello

Power-Ups

Automation

Filters

I

Product Backlog

Leaderboard Filtering

Course Completion Certificate

View Performance LeaderBoard

Provide Student Feedback

Offer Internship to Students

Students Apply for Internships

Manage Internship/Job

Handle Admin Requests

Report Bugs or issues

Enable Dark Mode

Access Study Materials with Premium Membership

Add a New Internship

+ Add a card

Sprint 1 Backlog

✓ User Profile Management

✓ User Registration

✓ User Login

✓ Student Course Enrollment

✓ Store User Credentials with Cookies

✓ Password Reset

✓ View Course Content

+ Add a card

Sprint 2 Backlog

✓ Quiz Participation

✓ Add a new Course

✓ View Quiz Results

✓ Add a Quiz to Course

✓ Analyze Student Performance

✓ View CodeFast Activity

✓ Analyze Student Performance

✓ Receive System Notification

+ Add a card

In Progress

Front End Service

+ Add a card

Testing

✓ User Profile Management

✓ Analyze Student Performance

✓ View CodeFast Activity

✓ Manage Users (Add/remove Students & Industry)

✓ View Quiz Results

✓ User Registration

✓ Add a new Course

✓ Store User Credentials with Cookies

✓ Receive System Notification

✓ Quiz Participation

✓ View Course Content

✓ User Login

✓ Add a Quiz to Course

+ Add a card

# Scrum Board Status Overview

This document provides an updated snapshot of the **Scrum Board** used by the **AMZ Develops** team in managing the development lifecycle of the **CodeFast Web Application**. The Scrum board clearly illustrates the tasks defined within different phases of the Agile process, ensuring transparency, task accountability, and efficient progress tracking.

The Scrum board displayed consists of five well-defined sections:

## 1. Product Backlog

The Product Backlog column lists user stories and system features awaiting future implementation, prioritized according to user needs and system importance. Key tasks highlighted include:

- Internship and job management functionalities
- Leaderboard and performance feedback mechanisms
- Bug reporting and premium content access
- Dark Mode feature implementation

## 2. Sprint 1 Backlog (Completed)

This column contains all successfully implemented tasks from Sprint 1, confirming their development completion:

- User registration and login
- User profile management
- Secure password management (reset and credential storage)
- Student course enrollment and course content accessibility

## 3. Sprint 2 Backlog (Completed)

Sprint 2 tasks are comprehensively listed and marked as completed, representing significant enhancements in interactive features, analytics, and notification management:

- Quiz participation, quiz creation, and result viewing
- Student performance analytics (listed twice, indicating detailed sub-tasks)
- Course addition functionality
- Notifications system implementation
- Activity monitoring (CodeFast Analytics)

## 4. In Progress

The "In Progress" section currently includes:

- **Front End Service:** Ongoing development work aimed at enhancing the user interface and front-end interactions of the platform.

## **5. Testing (Completed and Verified)**

This final section enumerates all tasks from Sprints 1 and 2 that have been thoroughly tested and verified, readying them for production deployment:

- User authentication, profile management, and security features
- Student analytics and system notifications
- Course content, quizzes, and user management functionalities