



# Agile Project Simulation – Task Management App

A Demo Project by Rashmi Swamy

# Introduction

- Objective: Showcase end-to-end Agile project flow
- Tools used: Trello, Google AI Studio, MS Word, MS PowerPoint
- Outcome: Designed a 2-sprint demo project with prototype screens

# Project Objectives

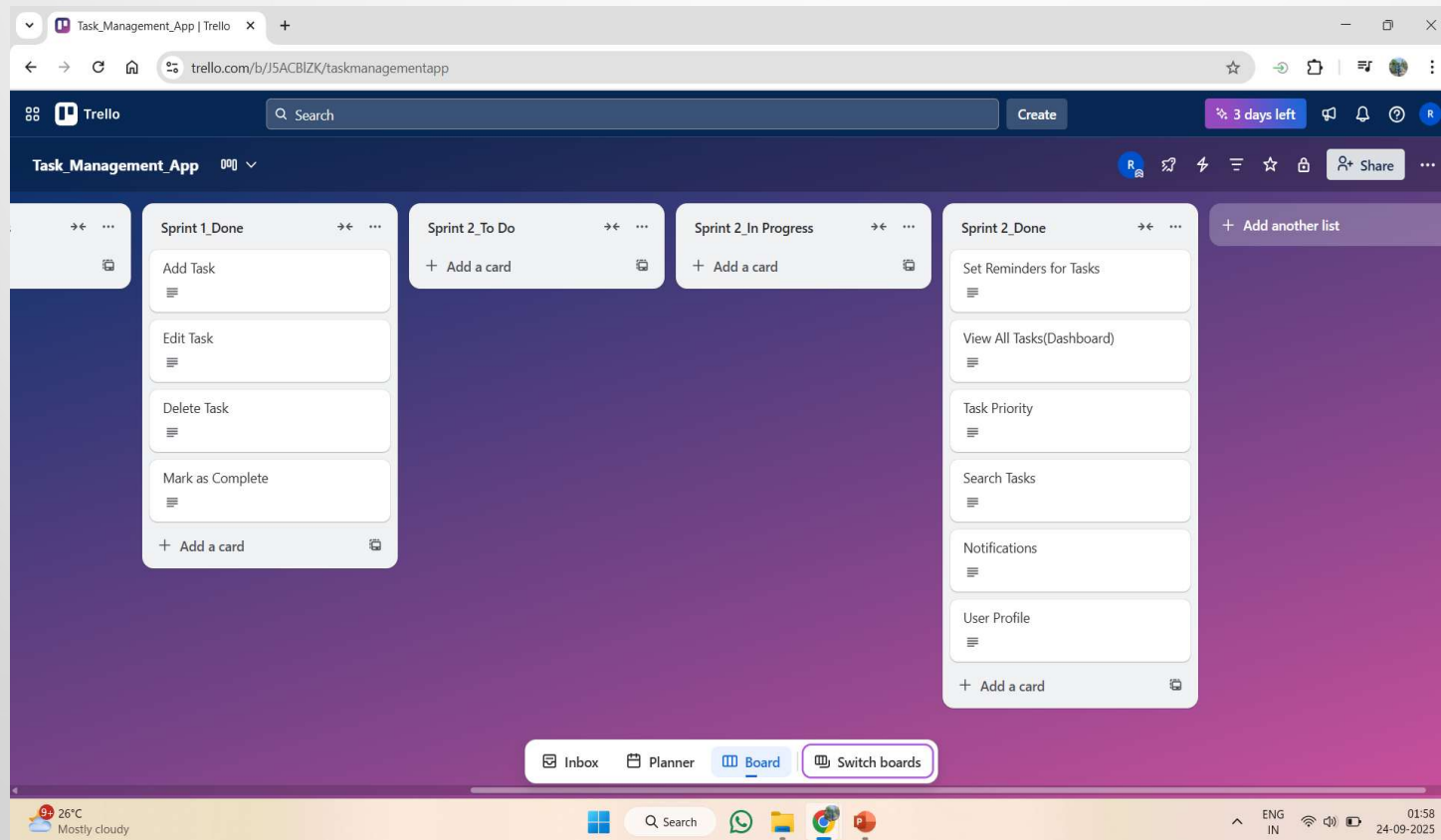
- Understand Agile methodology (Scrum framework)
- Manage tasks using Trello board (Backlog → Sprint → Done)
- Conduct simulated Sprint Planning & Retrospective
- Build demo prototype (9 screens of Task App)
- Present final outcomes professionally

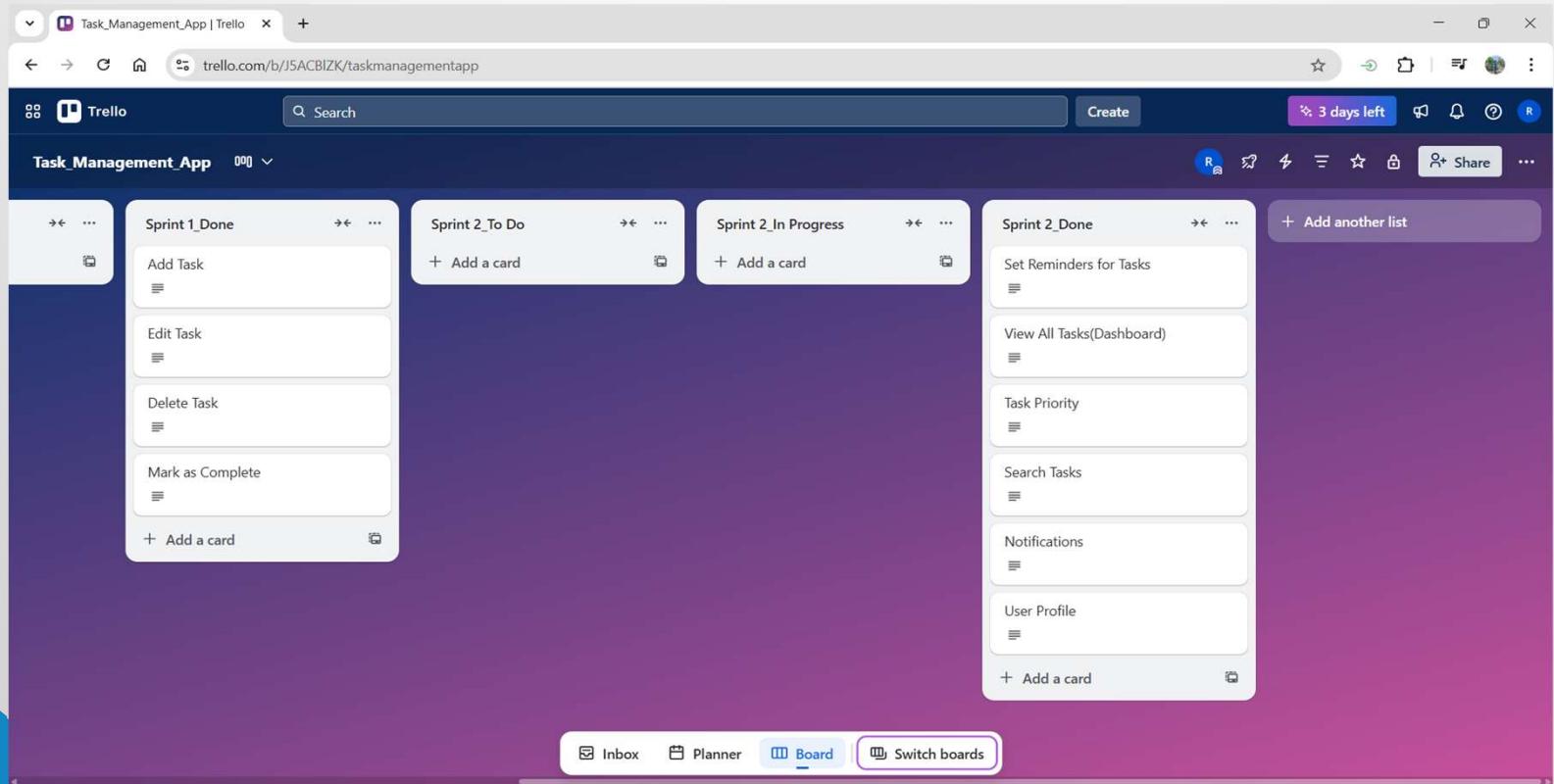
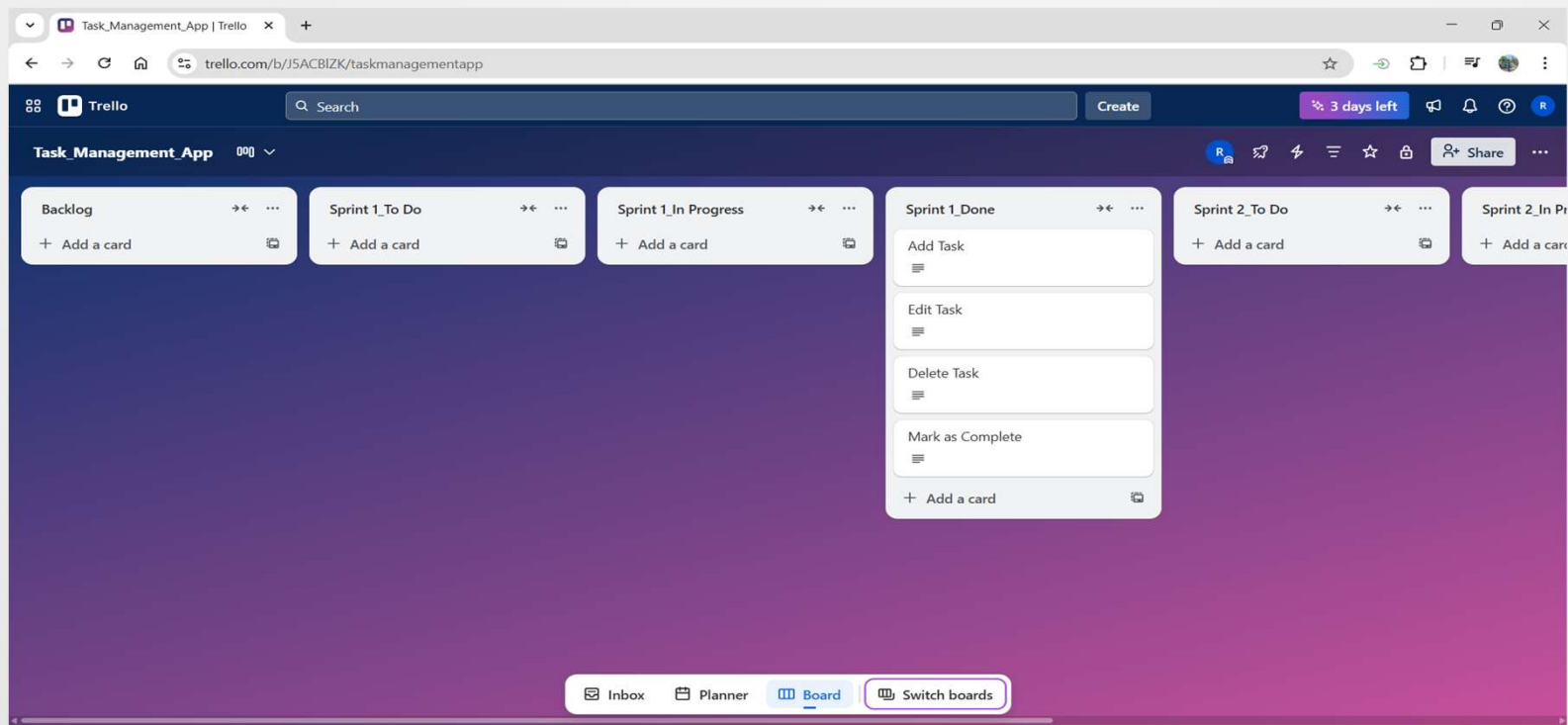
# Tools Used

- Trello → Agile board for sprints
- Google AI Studio → Prototype screen design
- MS Word → Sprint reports & notes
- MS PowerPoint Final project presentation

# Agile Workflow

- Backlog → Sprint 1 → Sprint 2 → Done
- Each user story tracked through Agile lifecycle








# Sprint 1 – Planning & Execution

- Focus: Login, Signup, Dashboard
- Tasks moved from Backlog → Sprint 1
- All tasks marked Done in Trello

# Sprint 1 – Retrospective

-  Achievements: Basic app flow ready (Login → Dashboard)
-  Improvements: Better UI consistency
-  Learnings: Importance of prioritizing MVP features








# Sprint 2 – Planning & Execution

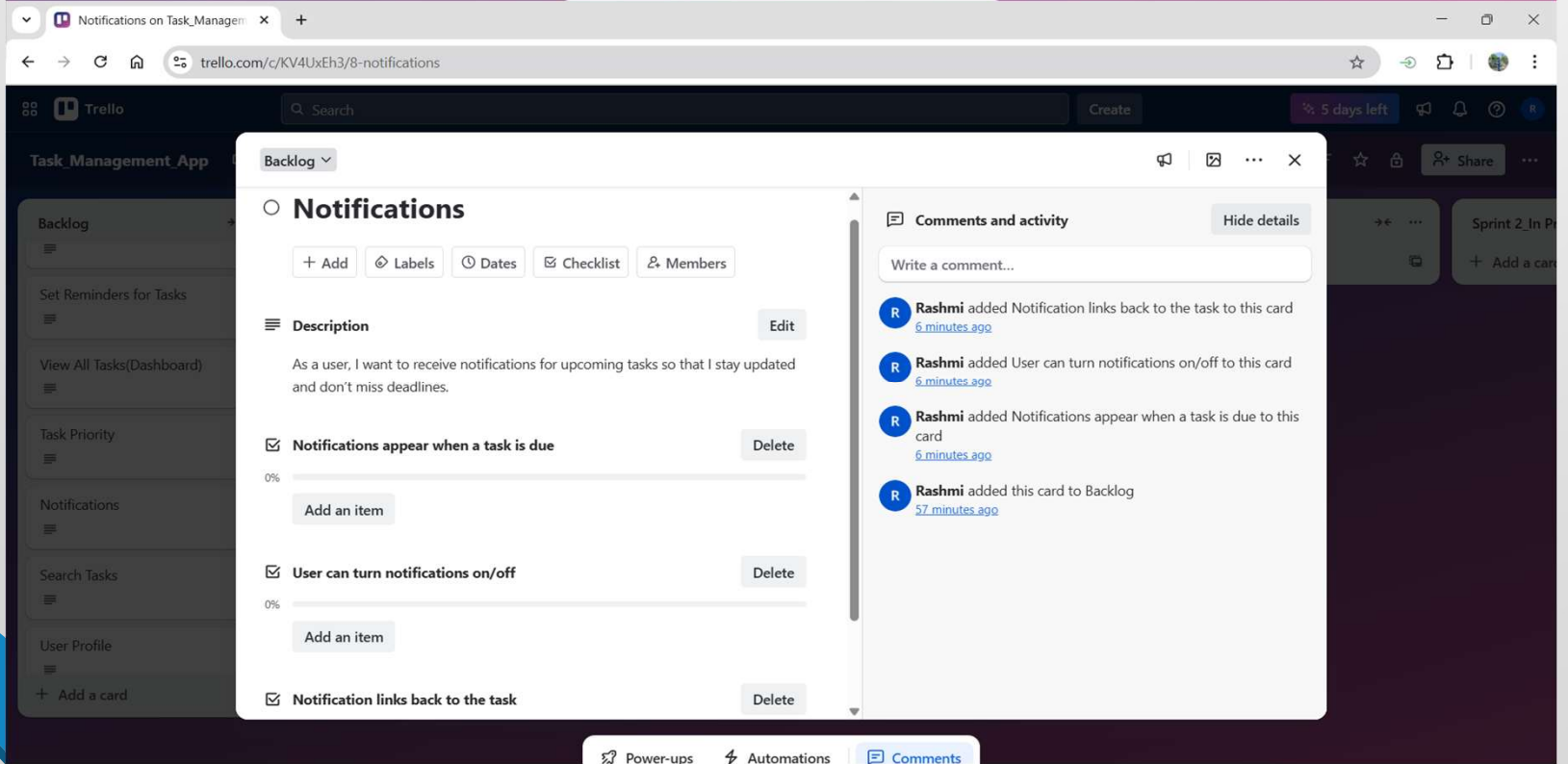
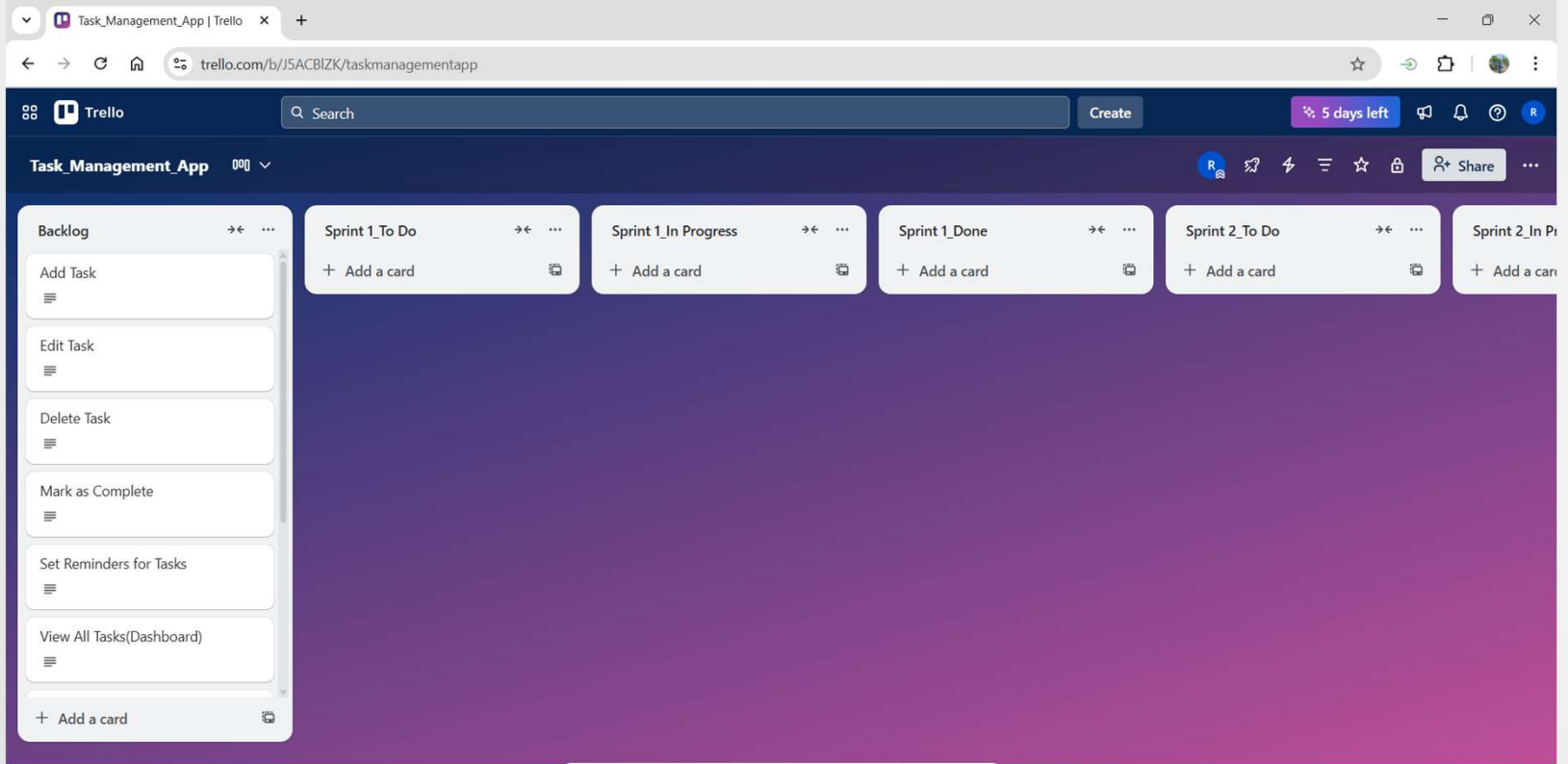
- Focus: Add Task, Edit Task, Analytics Dashboard
- Sprint 2 tasks executed & marked Done

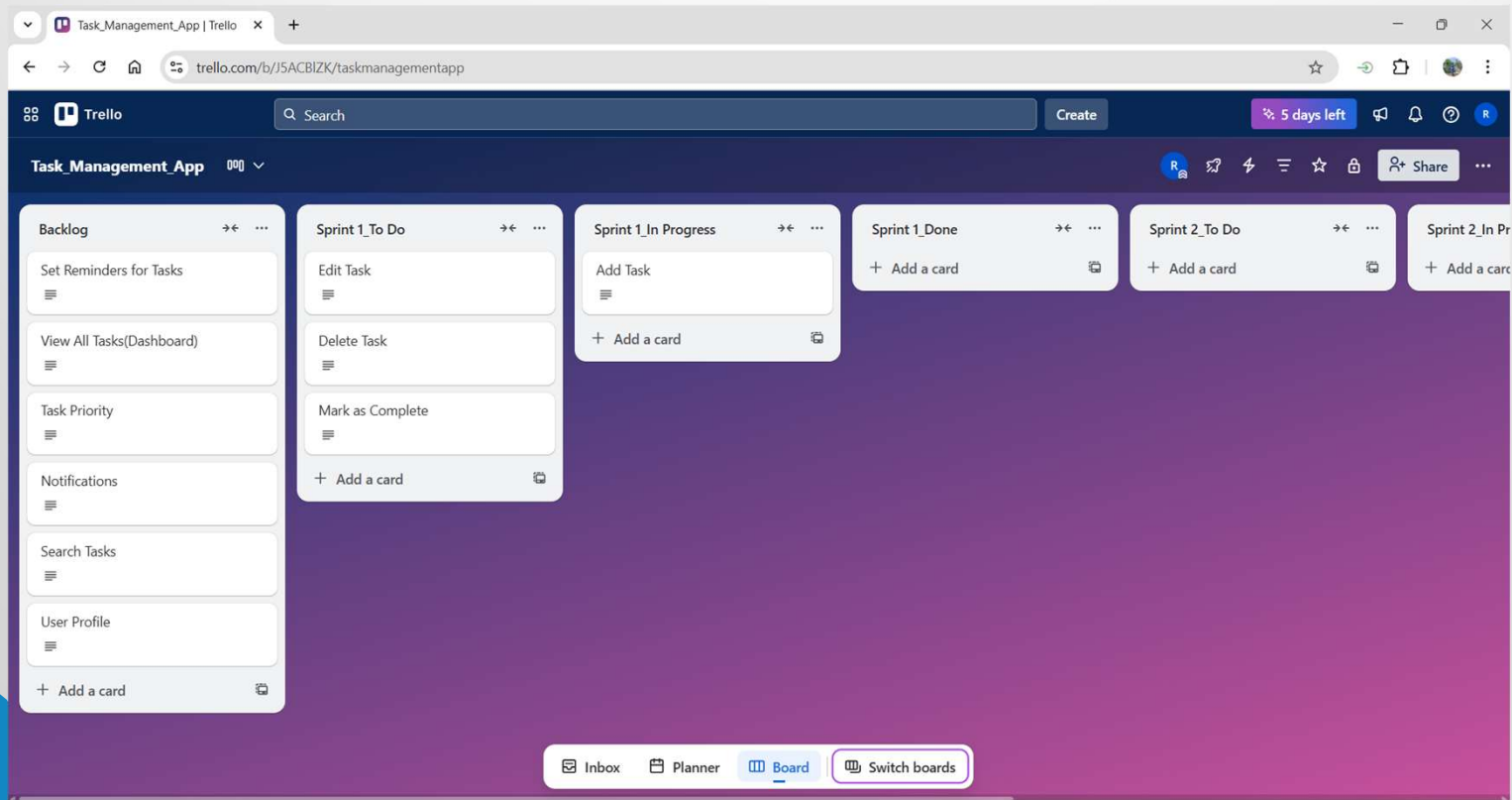
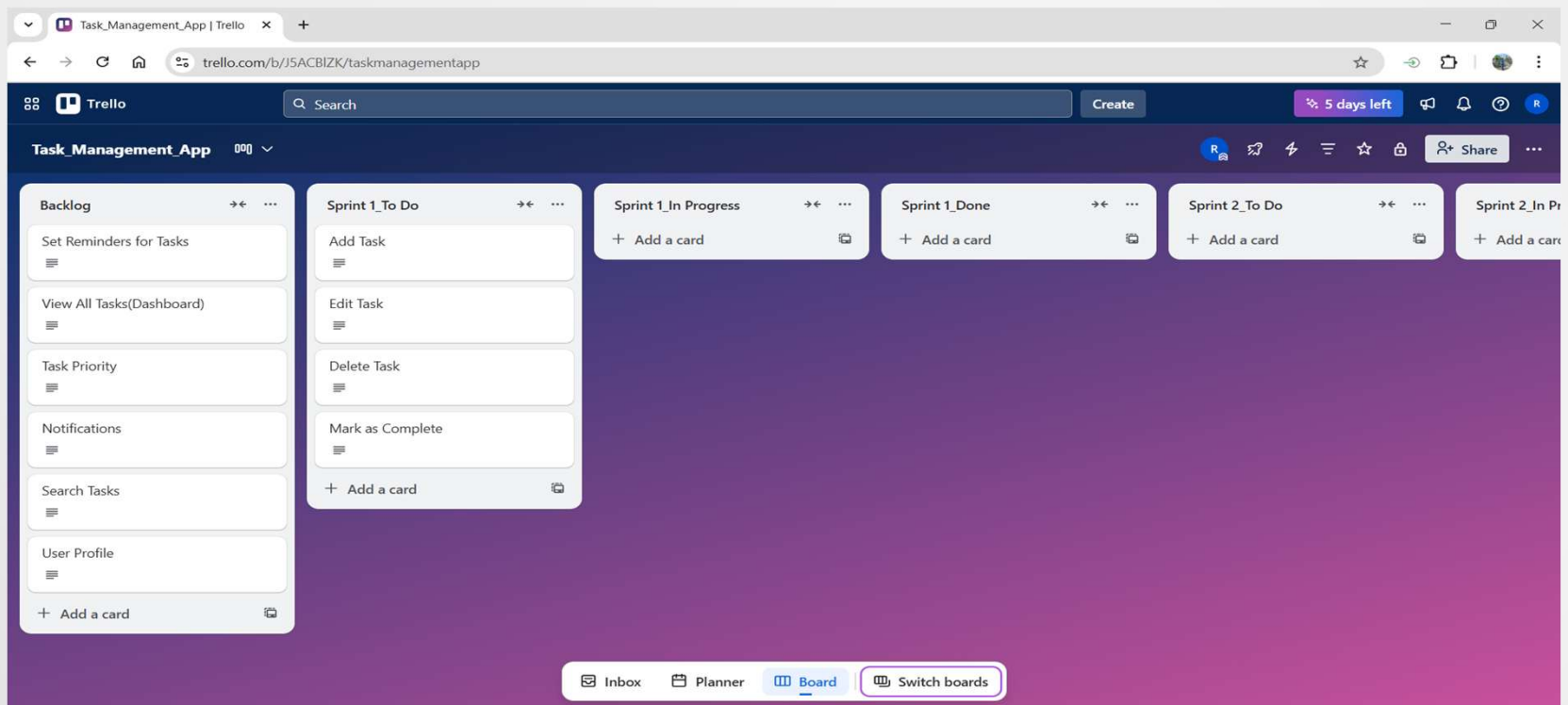
# Sprint 2 – Retrospective

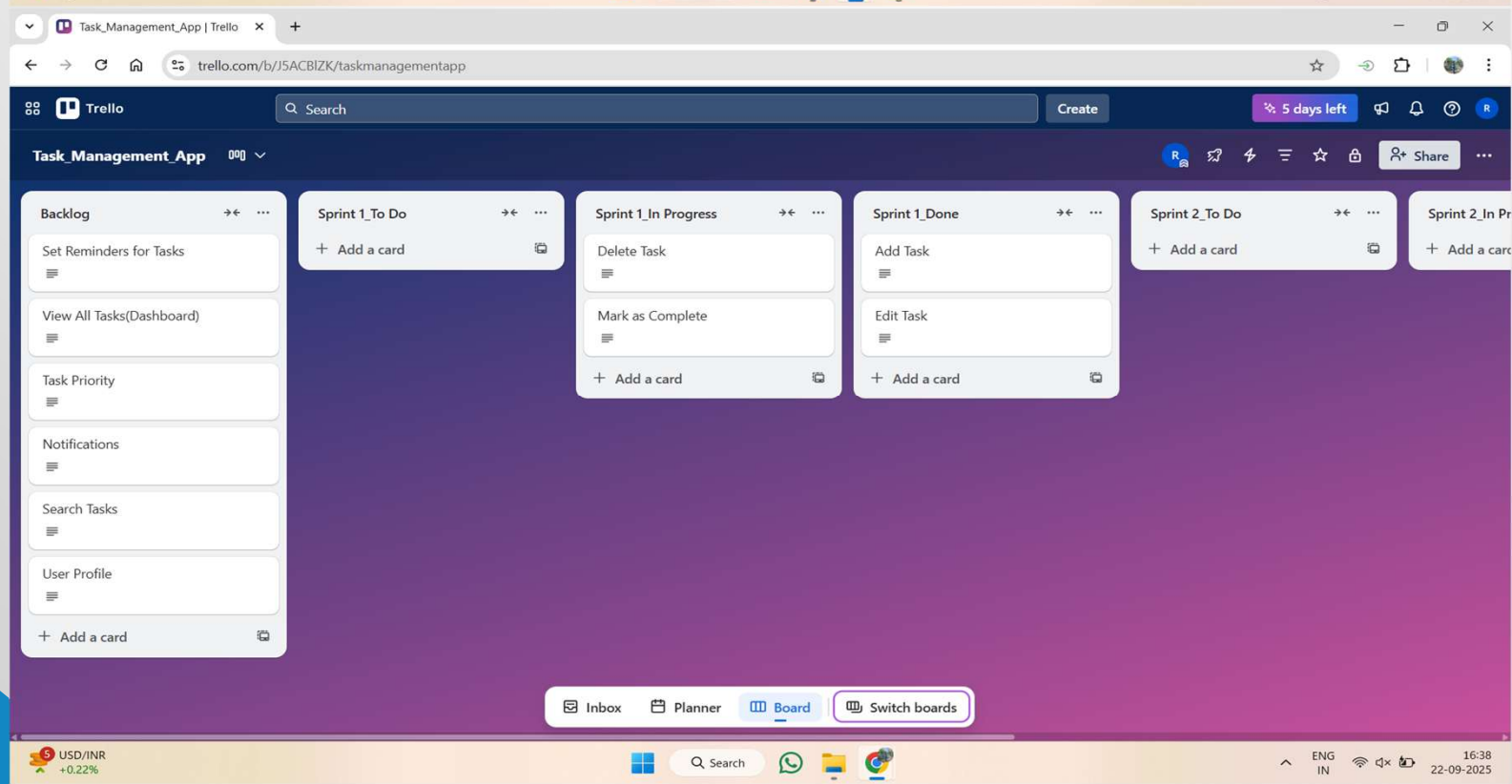
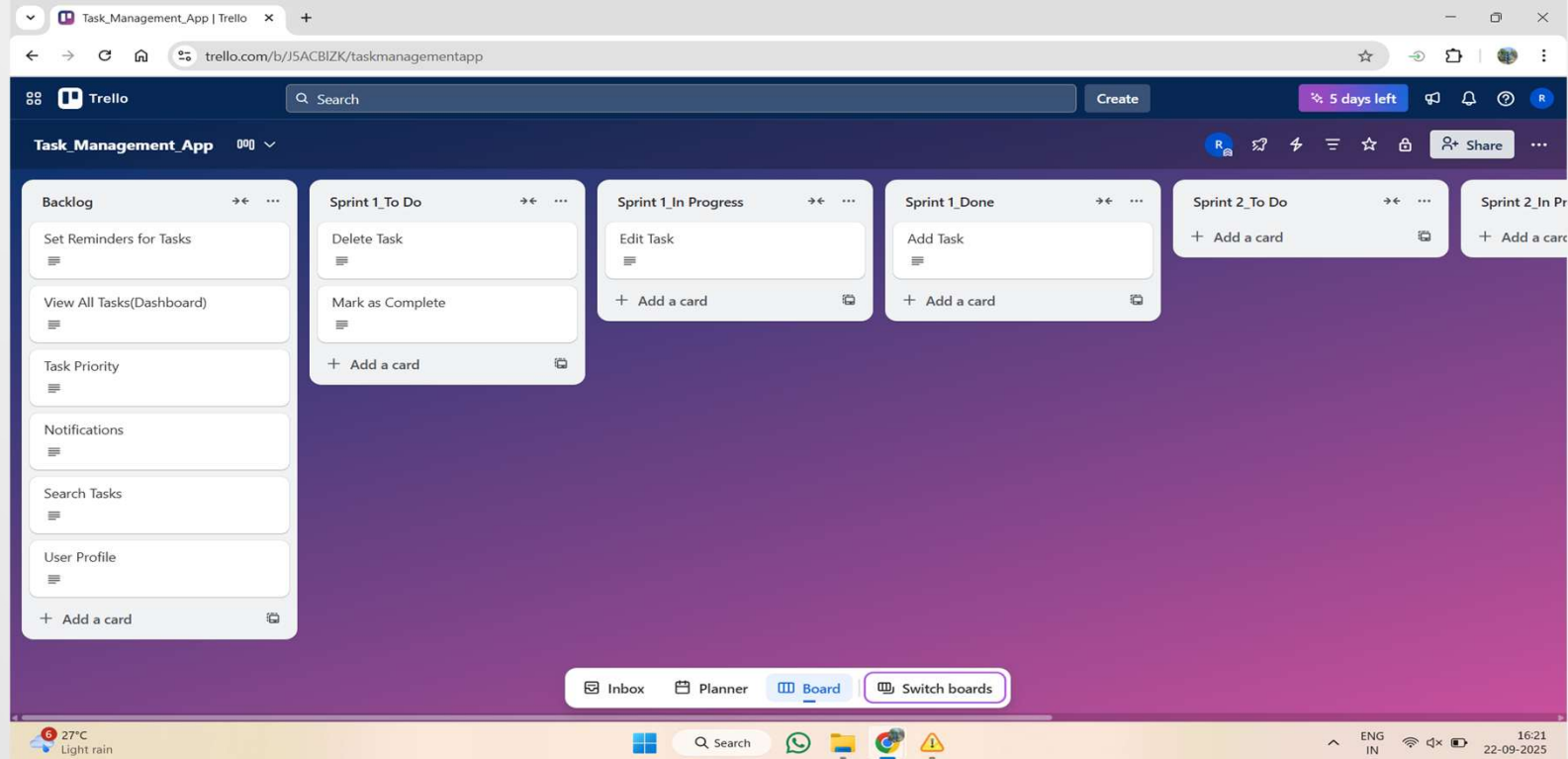
-  Achievements: Full task flow simulated
-  Improvements: Need clickable prototype in future
-  Learnings: Agile iterative development helps refine designs

# Prototype Screens

- Show all 9 screens (1–2 per slide)
- Arrange flow: Login → Signup → Dashboard → Add Task → Edit Task → Task List → Analytics → Settings → Logout







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Backlog

- Set Reminders for Tasks
- View All Tasks(Dashboard)
- Task Priority
- Notifications
- Search Tasks
- User Profile
- + Add a card

Sprint 1\_To Do

- + Add a card

Sprint 1\_In Progress

- + Add a card

Sprint 1\_Done

- Add Task
- Edit Task
- Delete Task
- Mark as Complete
- + Add a card

Sprint 2\_To Do

- + Add a card

Sprint 2\_In Progress

- + Add a card

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Sprint 1\_Done

- Add Task
- Edit Task
- Delete Task
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Sprint 2\_To Do

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Sprint 2\_In Progress

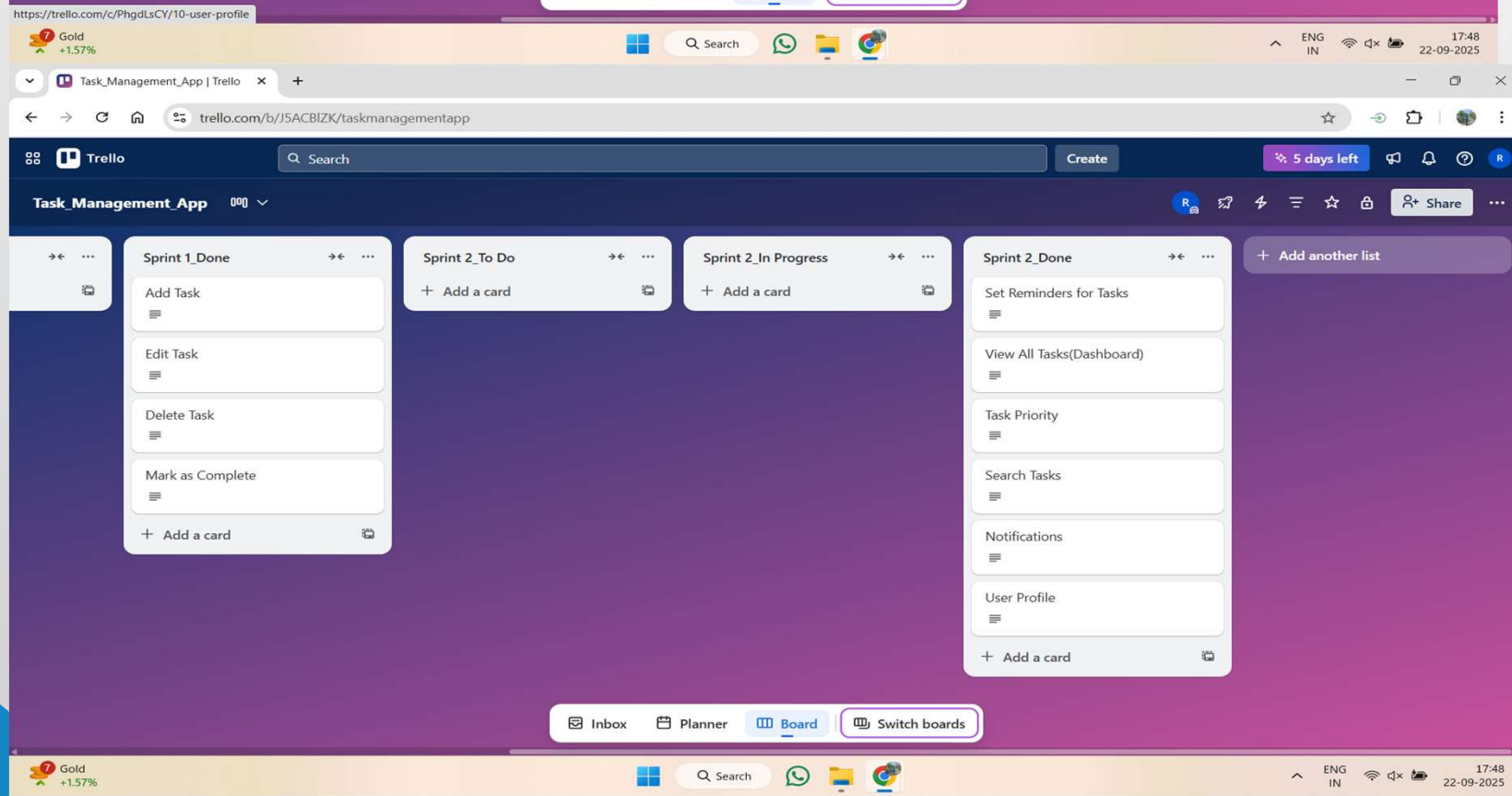
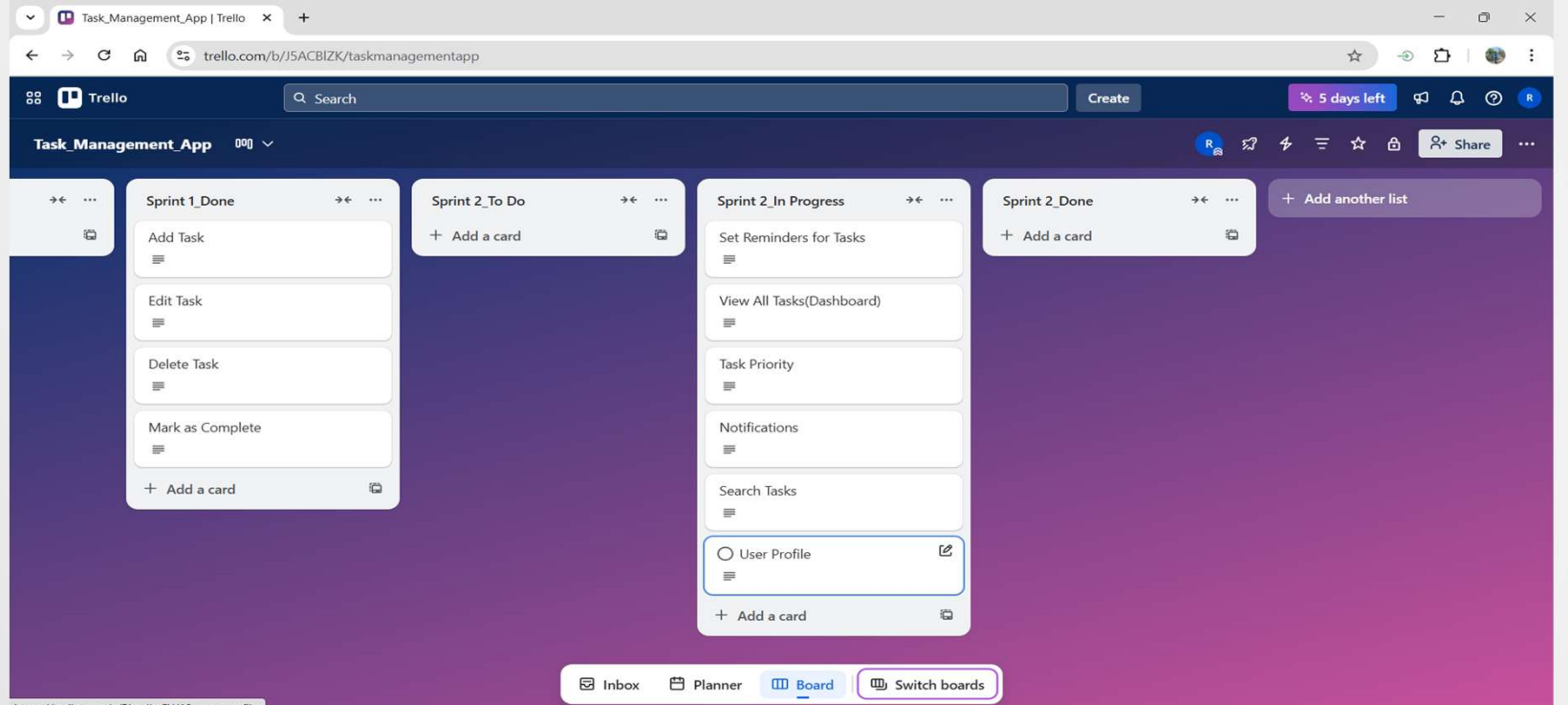
- + Add a card

Sprint 2\_Done

- + Add a card

+ Add another list







# Conclusion

- Project demonstrates knowledge of:
  - Agile workflow (Sprints, Retrospectives)
  - Trello for project management
  - UI prototyping using AI tools