



Sprint Planning Document (Sprint 2)

Sprint Goal Backlog (Sprint 2)

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High-level Project Overview

Project Mission:

- Create an engaging platform where users can easily upload custom chess bots, manage their bots, and compete in automated chess tournaments.

Problems We Are Solving:

- Users currently lack an efficient platform to upload, manage, and compete with their custom chess bots.
- There is no standardized way to easily run and manage chess bot tournaments.
- Limited accessibility and organization of chess tournament results and bot performance data.

Project Overview (High-Level Features):

- Web Application:
 - OAuth Authentication: Users log in via OAuth providers (Google, GitHub, etc.).
 - Bot Management: Users can upload, manage, update, or delete their chess bots.
 - Chessboard Interface: Visual interface for bot gameplay.
 - Tournament Management: Users can initiate round-robin tournaments among multiple uploaded bots.
 - Leaderboards & Logs: Generate tournament leaderboards and detailed game logs.
 - Database Integration: Cloud-hosted PostgreSQL database to store user, bot, and tournament data.

Sprint 2 Planning

Sprint 2 Goals:

1. Setup OAuth authentication for user login.
2. Setup a cloud-hosted PostgreSQL database.
3. Allow users to upload and manage multiple bots.

4. Implement functionality for running tournaments.
5. Generate and display logs after tournaments.

Sprint 2 Deliverables:

- **Allow users to sign in/up with Google:**
 - Assigned: Tejas
 - Build the oauth support to implement sign in with google.
- **Upload multiple bots:**
 - Assigned: Orion
 - Build functionality to upload and store multiple bots.
- **Implement Postgresql database:**
 - Assigned: Sebastian
 - Get a local Postgresql database running to test user functionality.
- **Get Postgresql database to cloud:**
 - Assigned: Tejas
 - Move Postgresql database to google cloud.
- **Run tournament with chess bots/ output log files**
 - Assigned: Orion
 - Output log files for tournaments after running them.
- **Docker**
 - Assigned: Sebastian
 - Get code running on Docker