Joe

Zahra

Huong

Mazin

Jafar

Mandatory

Framework + Database

Frontend Module

single page application

chrome compatible

1 v 1 game

tournament

tournament registration system

Tournament matchmaking system

Web

Major module: Use a Framework as backend.

Minor module: Use a front-end framework or toolkit.

Minor module: Use a database for the backend.

User Management

Major module: Standard user management, authentication, users across tournaments.

Major module: Implementing a remote authentication.

Cybersecurity

Major module: Implement WAF/ModSecurity with Hardened Configuration

and HashiCorp Vault for Secrets Management.

Major module: Implement Two-Factor Authentication (2FA) and JWT.

Devops

Major module: Infrastructure Setup for Log Management.

Minor module: Monitoring system.

Major module: Designing the Backend as Microservices.

Accessibility

Minor module: Expanding Browser Compatibility.

Minor module: Server-Side Rendering (SSR) Integration.

Major 7

Minor 5

To Do:

-check rootless docker

Database:

-user management

-logs