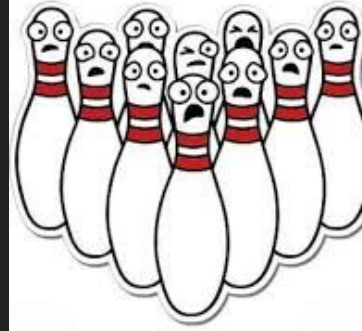


Kingpin Bowling Tracker



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Functional Requirements (Sprint 1)

FR1. Users shall be able to create an accounts within the system.

FR2. Users shall be able to log into the system with proper account credentials.

FR3. Users shall be able to update password in system.

FR4. Users shall be able to log out of the system.

FR5. Bowling Center Managers shall be able to manage user accounts.

Functional Requirements (Sprint 2)

FR6. BCM shall be able to create a League in the system.

FR7. BCM shall be able to modify a league.

FR8. BCM shall be able to delete a league.

FR9. Each league shall allow specific league rules to be customized upon creation.

User Stories

| Req. Num. | User Story | Use Case |
|-----------|---|----------|
| FR.1 | As a User, I would like to be able to create an account in the system so that I can use the application. | UC1 |
| FR.2 | As a User, I would like to be able to log into the system to access restricted application resources. | UC2 |
| FR.3 | As a User, I would like to be able to change my password to maintain account security. | UC3 |
| FR.4 | As a User, I would like to be able to log out of the system when I am done accessing resources. | UC4 |
| FR.5 | As an Administrator, I would like to be able to access the applications administration panel for providing site management. | UC5 |
| FR.6 | As a Bowling Center Manager, I would like to be able to create leagues to manage league duties | UC6 |

Risks and Challenges

- Poor communication
 - Different schedules among group members makes communication difficult
- Poor time management among members of the group
- Learning curve of working with new platforms that some of us aren't very experienced in
 - Django Rest Framework, custom user permissions
- Equitable distribution of project workload

Mitigation Plan

- Plans to mitigate our risks include:
 - Regular team meetings and project status updates
 - Separation of member responsibilities to allow more focus on separate parts of project
 - Use of a project management tool, such as Microsoft Project or Project Libre, to keep track of time
 - Lots of time studying the Django documentation



Next Sprint Objectives

- Sprint 2 Functional Requirements
- Begin creating Groups and Permissions in Django
 - Need different custom permission levels for Bowling Center Managers, for League Secretaries, and for Bowlers
- UI Development
- Django Rest Framework exploration
- Create initial set of Models
 - Creation of Leagues, including customizable Rulesets
 - Team creation
 - Bowler Database
- Documentation
 - Class diagram, Entity-relationship diagram
 - Use Cases/User Stories



THANK YOU
Any Questions?

