ShiftTree

Revision 1.0

Developed by **ShiftTree Team**

Sprint 4 Report
Revision Date: 12/2/2024

Actions to Stop

- N/A

Actions to Start

- N/A

Actions to Continue

- Ensuring there are no unresolved errors and unused imports in files before committing to main
- Continue to develop and utilize unit tests

Completed Work

30. As a user, I want to be able to reset my password.

- Frontend to display the secret reset key on signup
- Frontend to insert the secret key when resetting
- Modify DB to store the secret key
- Create endpoint to generate the secret key
- Create endpoint to accept password resets

31. As a manager, I want to be able to create shifts with multiple slots so that multiple employees can work one shift if needed.

- Change ShiftCalendar to show stacked shifts
- When editing a shift, allow setting the number of duplicates of the same shift

32. As a manager, I want to be able to set the recommended shifts for each of my employees.

- Members tab: Implement frontend required shift per employee display, with arrows to increment/decrement the value.
- Endpoints to get/set the recommended shifts per employee, and modify database to store the offset (not absolute).
- Modify algorithm and algorithm endpoints to take the employee shifts offset into consideration
- Show suggested shifts as stored by DB in Members Tab
- Wire endpoint to update DB for suggested shifts (as offset)

33. As a manager, I want to see information about the generated schedule from the algorithm.

- Save the logging from the scheduler (conflicts, assignment info) into the db
- Create another tab in the manager view for viewing the scheduler logs(download)

34. As an employee I want to be able to "bulk register" for shifts to save time when registering.
  - Add submit bulk register button/functionality to repeatedly apply sign-up hook
  - Add bulk register button and display selected shifts in ST calendar UI

35. As a user, I want to have how the algorithm works be explained briefly, so that I understand what my selections and inputs do.
  - As a user I want the shift weightings to be explained

37. As an employee, I want to see the username and email of my ShiftTree manager so that I can contact them for any questions or updates.
  - Display manager information on frontend for users to see

INFRASTRUCTURE:
  - N/A

Incomplete Work

36. As a manager, I want to be able to import a schedule into ShiftTree and generate a schedule from that data.
  - As a manger, I want to be able to import a pre-made schedule from a CSV or ICS file

38. As an employee, I want to be able to export just my shifts so that I can put them into my personal calendar.
  - As a manger, I want to be able to import a pre-made schedule from a CSV or ICS file

Final Burnup Chart

Sprint 4 Burn-up