ALPHA DEMO FLIGHT PLAN

Mar. 10, 2022

SPONSOR: DR. VIACHESLAV FOFANOV
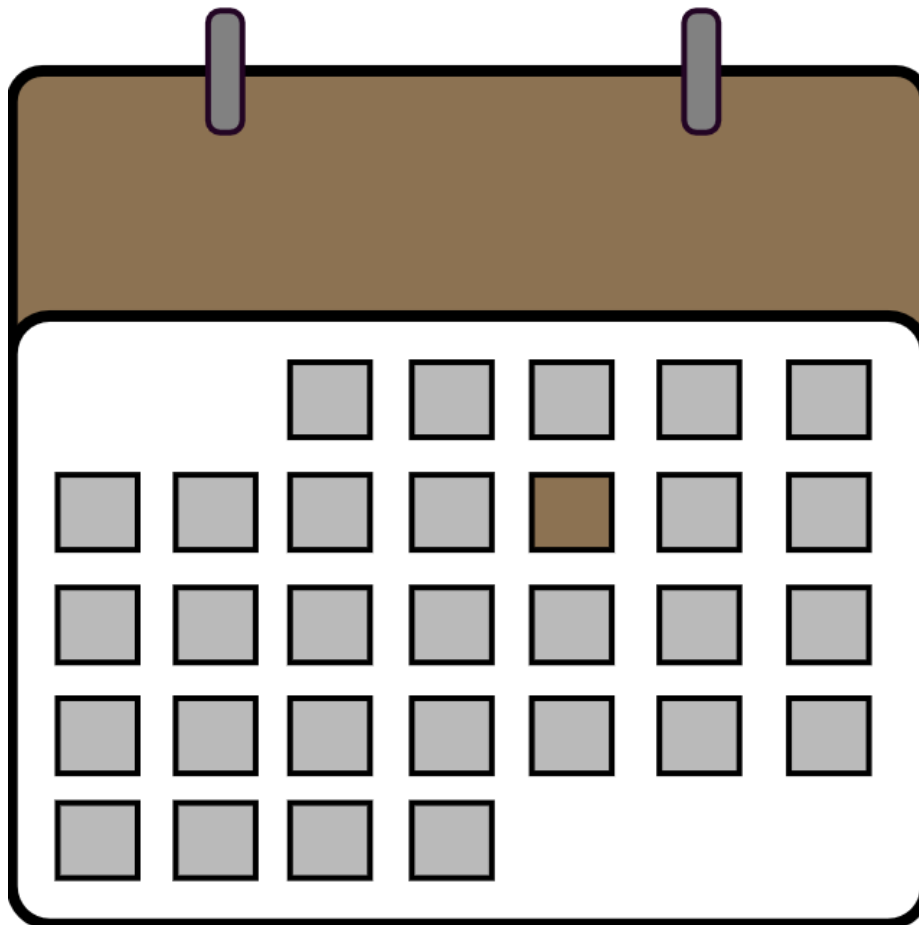**MENTOR: VOVA SARUTA**

JOSEPH DOMABYL V   ANDREW LIDDELL   JUNJIAN YIN   DANIEL DRAKE

Magisters

1 - Login/Authentication for Lab Organizer

Lab Organizers will be able to login with their own private credentials, an email and a password. Lab Organizers have a unique set of functions/views available from their account dashboard.

User Flow

1. Login as a Lab Organizer
   - Considered a "superuser" by the system
2. Be directed to the proper application (i.e., laborganizer views/templates) dashboard
3. Be able to utilize all available functionalities

Evaluation and Comments

✔ Convincingly demo'd each of listed challenges?

✔ Other evaluative comments:

2 - Lab Organizer Scheduling and Management

From the Lab Organizer dashboard, Lab Organizers will be able to schedule and manage currently enrolled TA's.

User Flow

1. Create a new schedule version for a selected semester, demonstrate functionality
   - Able to edit weights of lab qualifications
   - Handles general constraints (time availability, experience)
   - Assigns TA's scores based on current semester, assigns them to labs
   - Prioritize contracted TA's
2. View different schedule versions, demonstrate functionality
   - Can switch between semester views
3. Propogate that schedule version to the "live" version
4. Upload new TA emails (thus creating new TA accounts), demonstrate functionality
5. View TA information/holds, demonstrate functionality
   - Current status of TA account
   - Able to assign due dates for TA information
6. View semester/lab information, demonstrate functionality
7. View admin page, make direct changes to database
   - Ability to add/remove TA's from database

Evaluation and Comments

✔ Convincingly demo'd each of listed challenges?

✔ Other evaluative comments:

3- Teaching Assistant Login/Authentication

Teaching Assistants will be able to login with their own private credentials, an email and a password. Teaching Assistants have a unique set of functions/views available from their account dashboard.

User Flow

1. Receive email containing temporary password
2. Login as a Teaching Assistant
3. Be directed to the proper application (i.e., laborganizer views/templates) dashboard
4. Be able to utilize all available functionalities

Evaluation and Comments

✔ Convincingly demo'd each of listed challenges?

✔ Other evaluative comments:

4 - Teaching Assistant Account Management/Schedule View

From the Teaching Assistant dashboard, Teaching Assistants will be able to edit account information (when permissible) and view their own schedules.

User Flow

1. Edit account information (if allowed by the Lab Organizer)
   - Able to be flagged as a GTA or a TA
2. View current schedule/assigned labs
   - Allowed to view the current schedules for classes offered during the semester
   - Unable to make direct schedule edits

Evaluation and Comments

✔ Convincingly demo'd each of listed challenges?

✔ Other evaluative comments: