Desiree Trepanier

CS 480: Senior Project

Senior Project Proposal

My objective is to create a task and event management website. Users will be able to create and share tasks and events with other users with priorities, notes, labels, and the like. Alerts, like reminders and due dates, will be setup via email, text, and possibly an android service. Users will be able to import and export calendars as well as sync with Google Calendar. Due tasks will appear on the calendar on their respective due dates.

The website will use a combination of HTML, CSS (using SASS), JavaScript, PHP, and MySQL. It will also be responsive and themeable. The website will be divided into overview, calendar, task, and admin sections. Overview will offer upcoming events and tasks. Calendar and task sections will further be divided by different views, such as due today or by label for tasks and month or agenda for the calendar.

Grading Scale

|  |  |
| --- | --- |
| **Design** | **17** |
| Responsive | 5 |
| Themeable | 2 |
| View tasks by due today, next seven days, overdue, label, or all | 5 |
| View calendar by day, week, month, or agenda | 5 |
| **Accounts** | **15** |
| Registration | 5 |
| Login | 2 |
| Superuser | 5 |
| Users can upload own avatar | 3 |
| **Notifications** | **6** |
| Email | 1 |
| Text | 1 |
| Android service | 4 |
| **Tasks** | **24** |
| Add/remove tasks | 5 |
| Completion indicator | 1 |
| Priorities | 1 |
| Due Date | 1 |
| Organize tasks with labels | 1 |
| Notes | 5 |
| Pictures | 5 |
| Sub-tasks | 5 |
| **Calendar** | **18** |
| Add/remove events | 5 |
| Import and export calendars | 5 |
| Sync with Google Calendar | 5 |
| Holiday calendar | 1 |
| Display due tasks on their respective dates | 2 |
| **Collaboration** | **8** |
| Share lists and calendars with other users | 5 |
| Other users can edit shared lists and calendars | 3 |
| **Both** | **17** |
| Text prediction | 4 |
| Spell checking | 3 |
| Quick add | 5 |
| Repeatable tasks and events | 5 |
| **Total** | **105** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **A** | **B** | **C** | **D** | **F** |
| >= 94 | 84 | 74 | 64 | < 64 |