



Group Number: 6

Group Members:

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Application Name: todo

Application Type: Service

General Description:

todo (pronounced "toe doe") is a point-based, UT Austin tutoring application that allows students to *gain* dots (i.e., points) by offering tutoring to other students, as well as *spend* dots in order to receive tutoring from other students. Students will receive a base amount of dots upon registration to begin their use of *todo*. Additionally, each student will create a personal profile that includes subjects and courses for which they feel qualified to tutor for.

Tutoring sessions can range from 20-45 minutes depending on the option selected by the student seeking help, and can cover topics from courses that are being offered in the current semester. In order to pair students, *todo* will notify tutors that match the qualifications needed for a tutoring session who can then connect with the student seeking help to meet for a tutoring session.

Feature List:

Must-have:

- **Registration and login/logout:** Users can register for a *todo* account and have the ability to log in and out of their account.
- **Notifications:** Users will receive notifications which can be accessed through the notifications tab. As a user, you can be notified when another *todo* user is seeking help in a course that you are qualified to tutor for, when a tutoring session is coming up, when another user has requested you for a specific tutoring session, or when you have gained or spent dots. Other notifications are likely to arise as *todo* is developed.
- **User profile:** Each user has a unique profile that includes their name, email, photo, major, year, tutor status (on or off), schedule/availability, subjects and courses that they feel qualified for, and their dot balance. User profiles are created when the user first registers for a *todo* account but can also be edited any time after.
- **Tutoring requests:** Users have the ability to post a tutoring request to find other *todo* users to tutor them. Such a post will include information such as course name and number, desired time and location for the tutoring session, and miscellaneous notes. Additionally, there will be an optional field for users to specify another *todo* user to request them as a tutor.

- **Student pairing:** Through the notifications feature, potential tutors will be notified that a tutoring opportunity is available that matches their availability and qualifications. If interested, tutors can agree to fulfill the tutoring session by viewing the post and tapping a button.
- **History of activity:** Each user will be able to view previous sessions where they have received or provided tutoring help and will include information such as whether or not you were a tutor, the name of the other *todo* user, the date, the course, and the dot transaction. This can be accessed from the fly-out menu.
- **Tutoring activity confirmation:** After the tutoring session, the *todo* user that was to be tutored can confirm that the session took place or did not take place via a temporary window. The tutor will then be notified via the notifications feature and both of the *todo* users' dot balance will be updated to reflect the transaction.
- **Balance management:** As mentioned in the "tutoring activity confirmation" feature, dot balances will be updated as tutoring sessions are completed, and will be publicly displayed on user profiles.
- **Messaging:** *todo* will include built-in instant messaging that allows communication between two users via the messaging tab.
- **Settings:** *todo* users can access and adjust settings from the fly-out menu. In addition to the ability to update their profile, users can also set how often they receive notifications and delete their account.

Nice-to-have:

- **Listing of tutoring opportunities:** Users can view current tutoring requests that have not yet been paired with a tutor. Through this feature they can "pick up" tutoring opportunities.
- **Listing of "winners":** *todo* displays the top five users with the highest dot balances in a window that is accessible from the fly-out menu.
- **Inviting friends:** Users can invite friends either through email or Facebook.
- **Tutor ratings:** Users can rate their tutor after tutoring sessions and an overall tutor rating will appear on that user's profile.

Target Audience:

todo's target audience is UT Austin's student body, specifically students interested in tutoring.

- For **students that would like to be tutored**, *todo* offers...
 - Economy (free!) tutoring services
 - Convenient sessions that are mostly likely on-campus
 - A chance to meet new people
- For **students that would like to tutor others**, *todo* is a great way to...
 - Meet new people
 - Give back to the campus community
 - Improve communication skills and reinforce knowledge of a topic/subject
 - Engage in competition by racking up dots

Development Plan:

1. **Alpha** (March 23)
 - Registration and login/logout
 - User profile
 - Student pairing
 - Tutoring requests
 - Notifications
2. **Beta** (April 4)
 - History of activity
 - Tutoring activity confirmation
 - Balance management
3. **Final** (May 4)
 - Messaging
 - Settings
 - Attempt at nice-to-have features
 - Listing of tutoring opportunities
 - Listing of “winners”
 - Inviting friends
 - Tutor ratings