TASKR: Uber for Tasks

Part A

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https://github.com/chriskonstad/taskr

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INTRODUCTION

Taskr is an on-demand application that allows you to request tasks (like lawn mowing, bathroom cleaning, grocery shopping) with an interface similar to Uber. Request listings will be aggregated based on the location where individual requests are to be fulfilled, rather than on the poster's location. A user's rating will be visible on their profile which will also contain general user information and a history of the user's past requests.

The app itself will be based on the mobile application and we will set up a REST API to get the data and sync it to the mobile app.

The backend service must handle tasks, locations, money transfers, user accounts (including authentication), and user metadata, which is described on the *FEATURE DESCRIPTION AND REQUIREMENTS* section.

MOTIVATION

As college students we are always looking for ways to make extra money. At the same time, we are sometimes too busy with other activities and are unable to complete house chores or other tasks that we need done like groceries. Taskr bridges this gap by providing a platform where people can post and fulfill requests, thereby enabling a 2-way marketplace. We envision Taskr becoming a ubiquitous platform where users can find services for any task that they need done.

FEATURE DESCRIPTION AND REQUIREMENTS

- Login and Sign Up with Facebook
- Ability to add payment methods via PayPal/Stripe
- Users will be able to post, search for, and fulfill, requests made by other users.
- A payment system will be integrated into the application, which will allow request posters to directly pay request fulfillers.
- Users will be able to rate those that they have interacted with during requests (i.e. a request poster will be able to rate a request fulfiller and vice versa).
- Users will be able to get someone nearby to fulfill the request by having a geolocation feature.
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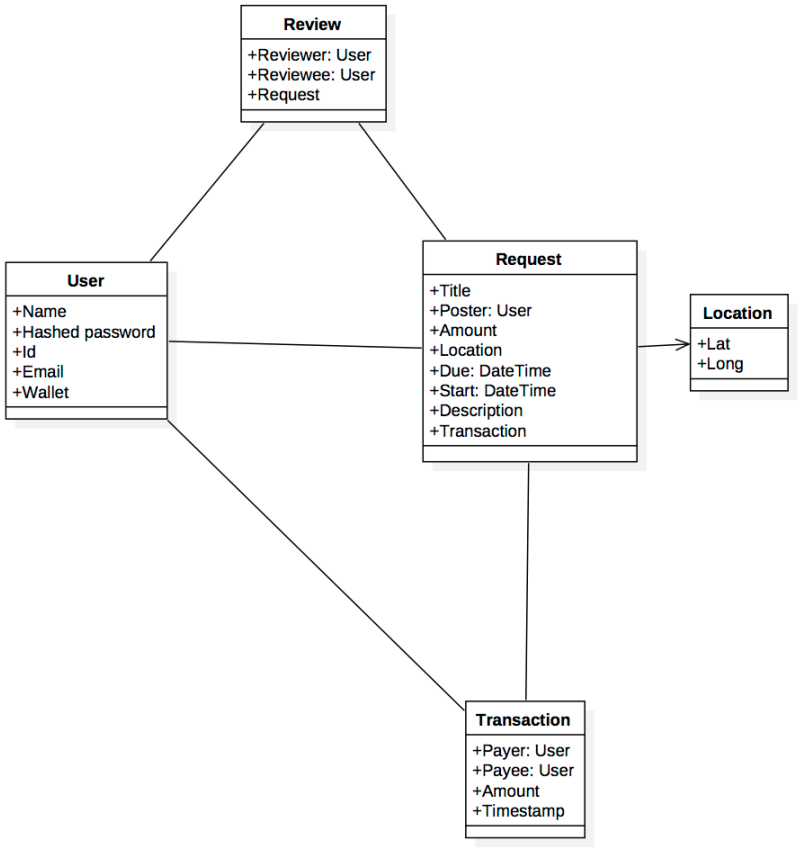
FEASIBILITY

Based on the research we have done on our application idea, we believe that Taskr can be fully developed by the end of this quarter. Our team has extensive professional development experience, and

<insert UML diagrams>



CAPABILITY

Each of our team members has various relevant experience that enables successful implementation and full stack development of the product.

Chris Konstad has experience with backend and client development, having interned at Bloomberg and Facebook.

Pramono has experience with application development, having interned at Social Native, Coding School.

Roger Witkin has experience with Salesforce front end and back end technology, having interned at American Express.

Guillaume Lam has experience with web development and database design, previously interning at Laserfiche and Arkaive Inc.

Alejandro Rioja has experience with product management running his company Flux Chargers. He has also interned at Shopzilla and BlackRock. He will be creating the UI designs for the application.