Project Proposal for TaskBunny

Modules Roles

Customer - Creates tasks
Admin - Manages users
Provider - Picks up a task and does it to earn money.

App Description

We want to create a task application that allows general users (customers) to post the type of task they want to be done for them. Containing information like, how long the task will take, how much doing the task will payout, where it is located, potential tools needed, and the quality score of the individual offering the task.

There will be task completion users (provider) that will be looking for tasks to complete. These users can select the type of task that they want to do. Once they have agreed with the owner of the task that they want to do said task, the task will be in progress until the task completion user puts the task as completed. Once the task is completed or in progress, no one else can try to do that specific task.

After task completion, the customer can provide ratings and feedback about that provider. Comments and feedback will be displayed on the providers' page.

The Admin manages all the users.

Technologies
-All mentioned

Methodology
-Scrum
    -Scrumboard
    -Burndown Chart
    -User Stories
    -

Components to Build
- Login Page (Choose between the customer, provider, and admin)
- Shows tasks available to be completed to providers
- Page to create a task (customers)
- User profile
- Individual Task Page
- Google Maps/Mapbox to show the location and how far someone is from the task
- Page to filter tasks by category (Housework, Car Repair, Food PickUp, etc)
- Payment page
- Fake input bank information page for money transfer
- Logs

User Stories
- As a customer, I want to be able to create a task to be viewed by providers
- As a customer, I should be able to provide feedback/rating on the service I received
- As a customer, I should be able to decide on which service provider I should accept from the list of service providers available
- As a customer, I need to be able to modify my task before it's accepted by a service provider.
- As a customer, I should be able to cancel my request. If a task is already in progress the task would be canceled with a fee.
- As a provider, I want to see all of the available tasks and how much money I can make from each task
- As a provider, I want to make sure that the task being offered is legitimate and I will get my deserved pay (ratings)
- As a provider, I want to see how far away a task is from me
- As a provider, I want to know how long it will take me to complete a task
- As a provider, I should see how much they pay for a certain task.
- As a provider, I should be able to cancel a picked up task. (with penalty)
- As a provider, I should be able to see how much money I have earned and whether or not that money has been deposited into my bank account.
- As an admin, I can manage users by deleting a user or reset the password.
- As an admin, I can sell all the requests done by the customer. (pending or completed)

Stretch Goal-user stories
- As a provider, I want to set up alerts to remind me of new tasks that are available that is related to what I prefer doing
- As a provider, I should be able to see how many tasks I've done.
- As a Customer and a Provider, I should be notified when a task is canceled.

APIs

[API List: A public list of free APIs for programmers](#)