Sprint 2 Plan

Product Name: UniToken   Team Name: University Token

Sprint Completion Date: 2/2/2018 Revision Number: 1 Revision Date: 2/24/2018

Goals:

For this sprint, we want to finish the user account system and to implement MetaMask in order to set up for user transactions.

User Story/ Task List:

- As a user I want to be able to register with the website so that I can use the marketplace and buy cryptocurrency. (13) **(11 hours)**
    - Learn NodeJS, MYSQL (4 hrs.)
    - Link registration page to database (Nodejs, mysql) (5 hrs.)
    - Link email confirmation to registration page (2 hrs.)
- As a user, I want an online marketplace so I can buy and sell goods/services. (13) **(35 hours)**
    - Marketplace HTML (5 hrs.)
    - Marketplace fetch listings (10 hrs.)
    - Add "Post listing" functionality (6 hrs.)
        - Create listing form (1 hrs.)
        - Create new listing, upload image/description, save in db (5 hrs.)
    - Add "Buy listing" functionality (3 hrs.)
        - Confirm listing is still in db, confirm user has enough currency, close listing, update db
    - Add basic search by name (2 hrs.)
    - Add listings categories (3 hrs.)
- As a user I want to be able to view user information so that I can know who I buy/sell from. (8) **(11 hours)**
    - Create user info web page (4 hrs.)
    - Link user information page to each users ID (3 hrs.)
    - Link user info web page to database (4 hrs.)

Total Time: 57 hours

Team Roles:

Andrew: Developer

Alex: Senior Back-end developer

Erica: Front-end/Back-end developer

Nick: Front-end/Back-end developer and Graphic designer

Max: Database developer

Team Assignments:

Andrew: Create user info web page (4 hrs.)

Alex: Link email confirmation to registration page (2 hrs.)

Erica: Link registration page to database (Nodejs, mysql) (5 hrs.)

Nick: Create listing form (1 hrs.)

Max: N/A

At the end of your team's sprint planning meeting, the team needs to turn in a sprint plan. This document needs to be typewritten (or the team needs to use a web-based agile planning tool and provide the TA access to the tool to view the project) and have the following elements:

- **Heading:** Document name ("Sprint {number} Plan"), product name, team name, sprint completion date, revision number & revision date.

- **Goal:** Short, 1-2 sentence description of the high-level goal(s) for the sprint.
- **Task listing, organized by user story:** This section lists the user stories, in priority order from most important (top) to least important (bottom). Within each user story, there needs to be a list of tasks required to implement the user story, along with the time estimate for each tasks (preferably less than or equal to 6 ideal hours). This should look like:

  User story 1 ("As a {user role}, I want {goal} [so that {reason}]")
  Task 1 description (time estimate for task 1)
  Task 2 description (time estimate for task 2)
  ...
  Task N description (time estimate for task N of user story 1)
  Total for user story 1: XX hours

  User story 2
  Task 1 description (time estimate for task 1)
  Task 2 description (time estimate for task 2)
  ...
  Task N description (time estimate for task N of user story 2)
  Total for user story 2: YY hours

  ...

  User story M
  Task 1 description (time estimate for task 1)
  Task 2 description (time estimate for task 2)
  ...
  Task N description (time estimate for task N of user story M)
  Total for user story M: ZZ hours

- **Team roles:** Give a listing of all team members. Next to the team member, list their role(s) for this sprint. Assign each person to at least one role (for example, this role might be "Developer"). This looks like:

  Team member 1: role 1 {, role 2, role 3}

Team member 2: role 1 {, role 2, role 3}
...
Team member N: role 1 {, role 2, role 3}

- **Initial task assignment:** A listing of each team member, with their first user story and task assignment. This should look like:

  Team member 1: user story, initial task
  Team member 2: user story, initial task
  ...
  Team member N: user story, initial task

- **Initial burnup chart:** A graph giving the initial burnup chart for this sprint and is labeled as such with sprint number and project name and is located in the lab.

- **Initial scrum board:** Also known as a task board, the scrum board is a physical board and labeled as such with sprint number and project name and located in the lab. This board has four columns, user stories, tasks not started, tasks in progress, and tasks completed. Index cards or post-it notes representing the user stories and the tasks for this sprint should be placed in the user stories, tasks not started, and tasks in progress columns. Tasks associated with a user story should be placed in the same row as the user story.
- **Scrum times:** List at least the three days and times during the week when your team will meet and conduct Scrum meetings. Also, indicate which of these meetings will have the TA visit as arranged with the TA. It is expected the TA will visit during the Scrum meeting during your lab time.

Note that if the team ended up modifying its release plan during sprint planning, submit an updated release plan document also with the sprint plan.