

Rahul Ganesh

Aravind Nair

Krish Praseeth

Shivam Adeshara

CSE 115A

Sprint # 2 Report -- Housify

- **Actions to stop doing:** We need to stop creating different branches in the team github everytime we make a change -- we have a lot of branches now, we need to merge everything into main to reduce the clutter and keep our repo up to date. This is not to say branching is bad, we just need to be more mindful creating them, and making sure our main branch is up to date.
- **Actions to start doing:** We need to schedule more group meetings to make sure we are all on the same page as to what tasks need to be completed. We also need to have more descriptive commit messages to help others understand what our change does. Our project README needs to be up-to-date with the technologies we have used. Furthermore, organizing our filesystem could be beneficial in terms of locating certain files and assist with overall structure and readability. We also need to better estimate the story points for each user story, to better understand the amount of work each story is going to be.

• **Actions to keep doing:** For the most part, our SCRUM board(Trello) is up to date, which is good. The Sprint Planning is pretty good overall in terms of understanding the user stories that need to get completed in the sprint. Furthermore, in terms of design and planning before coding, we do that for most user stories, which really helps in minimizing the time we write code and understanding what needs to be done. Furthermore, we divide work based on individual strengths, which really helps work efficiency and overall product quality.

• **Work completed/not completed:**

List of User stories completed during previous sprint:

1. As a user, I would like to be able to see a pleasing and convenient UI when signing up
 - a. Tasks:
 - i. User sign up page
2. As a tenant, I want to be able to view property listings so that I can find properties I am interested in
 - a. Tasks:
 - i. Develop “Tenant View” Landing Page
3. As a user, I would like to be able to have my data stored for ease of use in the

application

a. Tasks:

- i. Create MongoDB Database
- ii. Set up Housing Group, Real Estate and House Classes
- iii.

4. As a user, I would like for my data to be stored securely and accessed efficiently for ease of use

a. Tasks:

- i. Develop sign in webpage
- ii. Develop login webpage
- iii. User authentication
- iv. Integrate DB with auth framework

5. As a landlord, I would like to be able to view my properties and any relevant information for ease of use

a. Tasks:

- i. Develop “Landlord View” Landing Page

6. As a user, I would like to see that all web pages are connected + integrating for overall experience and usability

a. Tasks:

- i. Connecting the Login/Signup page to main application

7. As a user, I would like to know that my login credentials get me access to the application
 - a. Develop sign in webpage
 - b. Develop login webpage
 - c. User authentication
 - d. Integrate DB with auth framework

List of user stories not completed during this sprint:

1. As a tenant user, I would like to be able to pay my landlord the rent that's due
2. As a landlord user, I would like to ensure a smooth process for me to get my money from my tenants
3. As a general user, I would like to ensure that the payment process is smooth and easy to use

- **Work completion rate:** This section should report the following: total number of user stories completed during the prior sprint. Total number of estimated ideal work hours completed during the prior sprint. Total number of days during the prior sprint. For the previous sprint, the user stories/day and ideal work hours/day figures should be reported. For sprints past the first sprint, this section should also provide the average user stories/day and average ideal work hours/day figures computed across all sprints to date.

The final sprint burnup chart for the previous sprint should be available for viewing in the lab and an email of this chart sent to the TA/prof.

Prior sprint metrics:

Total number of user stories completed during prior sprint: 7

Total number of ideal work hours completed during prior sprint: 22

Total number of days during prior sprint: 14 days

User stories per day = 0.23

Hours of work done per day: 4(between all team members)

Metrics for all sprints up until now:

User stories per day = 0.15

Work hours per day: 2.75

Burn-Up Chart:

Sprint 2 Burnup Chart

