



Spring 1 Planning Document

Team 1: sturgeons++

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Sprint Overview

During the sprint, we plan to create the foundations of the website. This will include making the general UI, backend, and database. This will allow us to have a starting point for our other features. In addition, we will add some basic features such as account information and job posting. Finally, we will need to test that any button clicks or database inputs have expected responses.

Scrum Master

Tommy Bower

Meeting Plan

Monday 5:00 pm – 7:00 pm

Friday 5:00 pm – 7:00 pm

Risks and Challenges

The primary challenge of this sprint will be figuring out how to get started with everything. For many of us, this is our first time creating an entire website from scratch. We will need to spend some extra time to learn Django, Bootstrap, HTML, CSS, etc. Another challenge will be with organizing our code and our project repository and familiarizing ourselves with using git collaboratively. We will need to collaborate to decide how we will implement git branches and how we will organize the code files and functions.

Current Sprint Details

User Story 1

(1) As a user, I would like to be able to create an account specifying my city and what type of work I am looking for, so that I can log in and be shown jobs specific to my needs.

Description	Estimated Time	Owner
Create UI button to create account	1 hour	Tommy
Create UI for Create Account Page	2 hours	Kyle
Create UI textbox field for username and password	4 hours	Kyle
Set up MySQL database with Django API	4 hours (per person)	Mark, Tommy, Kyle Kovacik, Megan, Jason, Kurtis
Create User table in MySQL database	2 hours	Jason
Develop functionality to check for invalid account inputs	4 hours	Kurtis
Develop and check tests of various account inputs to check if any inputs produce an unexpected output	2 hours	Jason
Design default user profile picture	1 hour	Jason

Acceptance Criteria:

- Given that the create Account button is implemented properly, when the user clicks on the button the create account page is opened.
- Given that the create Account page is implemented correctly, when the user inputs their user information, a user account is created.
- Given that the user table is implemented properly, when the user creates a new account, the user table is updated.
- Given that invalid input functionality is implemented correctly, when the user inputs an invalid input an error is shown.

User Story 2

(2) As a user, I would like to be able to login to my registered account so that I can gain access to my account information and functionality.

Description	Estimated Time	Owner
Create a login page	3 hours	Tommy
Create UI textbox field to input username and password	2 hours	Tommy
Create UI button to attempt login	1 hour	Tommy
Create user profile page	2 hours	Tommy
Make UI button to edit profile information	1 hour	Tommy
Load text boxes with user information on profile	2 hours	Tommy
Load user profile picture on profile	3 hours	Tommy
Develop and Test that the page redirection is correct after clicking the login button and after submitting the correct and incorrect account information	2 hours	Kurtis

Acceptance Criteria:

- Given that the login text fields are implemented properly, when the user types in the fields valid information and clicks login, the user is logged into their account.
- Given that the user profile page is implemented properly, when the user types in information in the fields, their profile is updated.
- Given that invalid user and password functionality is implemented correctly, when the user logs in incorrectly an error message is shown.
- Given that the profile picture functionality is implemented, when the user uploads a picture, their profile picture is updated.

User Story 3

(3) As a user, I would like to be able to logout of my registered account so that I can disable access to my account when I don't need it.

Description	Estimated Time	Owner
Create UI logout button	1 hour	Tommy
Create a logout function in the backend	1 hour	Kurtis

Test that the page that the user is redirected to is correct	1 hour	Kurtis
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Acceptance Criteria:

- Given that the logout button is implemented correctly, when the user clicks the logout button, the user is logged out
- Given that the backend logout function is implemented correctly, after the user logs out the user is redirected to the home page
- Given that the homepage is implemented correctly, after the user is redirected to the home page, the home page does not have a logout button

User Story 4

(6) As a user, I would like to be able to update my password so that I can replace and password that I have forgotten.

Description	Estimated Time	Owner
Create UI account button	1 hour	Tommy
Create update account page	4 hours	Kyle
Create update password text field	1 hour	Kyle
Create text field for password and password confirmation	2 hours	Kyle
Test that user is still able to login after updating password	2 hours	Mark

Acceptance Criteria:

- Given that the UI for the password inputs and submit button are implemented correctly, the user is able to click on the update account button
- Given that the backend update account function is implemented correctly, the user is redirected to the account page
- Given that the backend update account function is implemented correctly, the user is notified that their password input is valid or not
- Given that the backend logout function is implemented correctly, the password should be updated in the MySQL database

User Story 5

(7) As a user, I would like to be able to update my profile's first and last name, age, and location.

Description	Estimated Time	Owner
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Create UI account drop down lists	2 hours	Kyle
Create text field for location and names	2 hours	Kyle
Test that the user's account information is updated in the database and is visible on the account page after it is updated	2 hours	Kurtis

Acceptance Criteria:

- Given that the UI for the submit button are implemented correctly, the user is able to click on the update account button
- Given that the backend update account function is implemented correctly, the user is redirected to the account page
- Given that the backend update account function is implemented correctly, the user is notified that their password input is valid or not
- Given that the backend logout function is implemented correctly, the first name, last name, age, and location should be updated in the MySQL database

User Story 6

(11) As a user, I would like to be able to post multiple job listings or volunteer work so that other users can view them.

Description	Estimated Time	Owner
Create listing creation page	8 hours	Megan
Create text fields for listing information	2 hours	Megan
Create a view job listings page	8 hours	Megan
Create listing deletion button	2 hours	Megan
Create a job creator, job post, and job type table	3 hours (per person)	Jason, Mark
Develop tests to check that the user views only the jobs they have created and that the user is redirected the correct pages when create, select, and delete job listings	2 hours	Mark

Acceptance Criteria:

- Given that the listing creation page and text fields are implemented correctly, the user will be able to create a job listing by entering in the job information

- Given that the view job listings page is implemented correctly, the user will be able to view all of their job listings
- Given that the delete job function is implemented correctly, the user will be able to delete a job from the database and the job listings page will reflect the change

User Story 7

(12) As a user, I would like to be able to specify the pay for any of my job listings including no pay or volunteer work so that other users can search for my jobs by pay range.

Description	Estimated Time	Owner
Add pay field to listing information	1 hours	Megan

Acceptance Criteria:

- Given that the UI field is implemented correctly, when the user inputs the pay information and submits, they are redirected to the job page that they created
- Given that the job page is implemented correctly, when the user is redirect to the job page, they are able to see the correct job pay information
- Given that the create job listing page is updated correctly, when the user submits the job listing, the pay information will be stored in the MySQL database

User Story 8

(13) As a user, I would like to be able to specify the job type for any of my job listings such as lawnmowing, snow shoveling, dog walking, pet-sitting, baby-sitting, cleaning, moving, and others so that other users can search for my jobs by job type.

Description	Estimated Time	Owner
Add job type field to listing information	1 hours	Megan

Acceptance Criteria:

- Given that the UI field is implemented correctly, when the user inputs the job type information and submits, they are redirected to the job page that they created
- Given that the job page is implemented correctly, when the user is redirect to the job page, they are able to see the correct job type information
- Given that the create job listing page is updated correctly, when the user submits the job listing, the job type information will be stored in the MySQL database

User Story 9

(14) As a user, I would like to be able to specify the general location for any of my job listings so that other users can search for my jobs by location.

Description	Estimated Time	Owner
Set up the Distance Matrix API	5 hours	Jason
Parse Distance Matrix given by API	5 hours	Mark
Handle API connection errors	5 hours	Kurtis
Retain anonymity in mapping information	2 hours	Jason
Add a location field to listing information	1 hours	Megan
Develop tests to check that the location field is properly viewed and searched	3 hours	Mark

Acceptance Criteria:

- Given that the job seeker entered gave their location. The user should be able to search jobs based on distance /*ASK NANXIN IF WE CAN SPLIT THIS BETWEEN TWO JOBS*/
- Given that the job creator entered their exact location, the seeker should not be able to see their exact location, but rather a range of where it will be.
- Given that the job creator entered their location, when they submit their job listing, the information in the MySQL database is updated correctly

User Story 10

(11) As a user, I would like to be able to specify the date and time for any of my job listings so that other users can search for my jobs by date and time.

Description	Estimated Time	Owner
Add date and time field to listing information	1 hour	Megan

Acceptance Criteria:

- Given that the UI field is implemented correctly, when the user inputs the date and time information and submits, they are redirected to the job page that they created
- Given that the job page is implemented correctly, when the user is redirect to the job page, they are able to see the correct job date and time information
- Given that the create job listing page is updated correctly, when the user submits the job listing, the date and time information will be stored in the MySQL database

Remaining Backlog

Account

1. ~~As a user, I would like to be able to create an account specifying my city and what type of work I am looking for, so that I can log in and be shown jobs specific to my needs.~~
2. ~~As a user, I would like to be able to login to my registered account so that I can gain access to my account information and functionality.~~
3. ~~As a user, I would like to be able to logout of my registered account so that I can disable access to my account when I don't need it.~~
4. As a user, I would like to be able to specify that I am looking for work to be done, so that when I login I can see employee profiles in my area.
5. As a user, I would like to be able to reset my password and see a temporary password by email so that I am still able to log in in the case that I forget my password.
6. ~~As a user, I would like to be able to update my password so that I can replace and password that I have forgotten.~~
7. ~~As a user, I would like to be able to update my location so that my location will be relevant even if I move to another location.~~
8. As a user, I would like to be able to upload a portrait of myself and view portraits of other users when searching jobs so that I can see who I will be working with.
9. As a user, I would like to be able to add and delete job types to my profile so that other users can see that I am skilled or knowledgeable in a certain job type.
10. ~~As a user I would like to be able to add and update personal information to my account such as first and last name, age, and a description of myself so that other users can be familiar with who I am.~~

Posting

11. ~~As a user, I would like to be able to post multiple job listings or volunteer work so that other users can view them.~~
12. ~~As a user, I would like to be able to specify the pay range for any of my job listings including no pay or volunteer work so that other users can search for my jobs by pay range.~~
13. ~~As a user, I would like to be able to specify the job type for any of my job listings such as lawnmowing, snow shoveling, dog walking, pet-sitting, baby-sitting, cleaning, moving, and others so that other users can search for my jobs by job type.~~
14. ~~As a user, I would like to be able to specify the general location for any of my job listings so that other users can search for my jobs by location.~~
15. ~~As a user, I would like to be able to specify the date and time for any of my job listings so that other users can search for my jobs by date and time.~~
16. ~~As a user, I would like to be able to add a description with my job posting in order to provide seekers with more detailed information.~~

- ~~17. As a user, I would like to be able to specify the title of my job listing so that it can more accurately represent the job posted.~~
18. As a user, I would like to be able to view all my job listings so that I can check if other users are interested in a certain job post.
19. As a user, I would like to be able to view a summary of all my past, completed job listings along with information about the user who completed the job.
20. As a user, I would like to be notified by email if a job seeker has shown interest in my event so that I can either accept or decline the request.
21. As a user, I would like my job posting to be closed and not shown to other users as soon as I accept the request so that I don't get unnecessary notifications.
22. As a user, I would like to be able to reopen a job listing after it has been closed so that I can choose a new user to complete my job.
23. As a user, I would like to be able to delete any job post that I have created so that other users will not see a job post that does not need to be done.
24. As a user, I would like to be able to update any information in a job post that I have created so that the information in the job post will not be false if anything changes

Searching

25. As a user, I would like to be able to search for job postings so that I can show interest in jobs I am interested in.
26. As a user, I would like my default page to show job postings within a 10 mile radius of my city so that I can immediately look for nearby opportunities.
27. (If time allows) As a user, I would like to be recommended job postings based on my previous job post interests so that I can quickly find a job that I may be interested in.
28. As a user, I would like to narrow my search in order to show listings based on distance.
29. As a user, I would like to narrow my search in order to show listings based on job category.
30. As a user, I would like to narrow my search in order to show listings based on user ratings.
31. As a user, I would like to be able to view a list of all my jobs taken of which can be upcoming or completed.
32. As a user, I would like to be notified when a job creator has accepted my work with their job.
33. As a user, I would like to be able to click on a user's account to view their profile and other job listings.
34. As a user, I would like to be able to use a search bar to filter between a list of my jobs that I have shown interest in.

Messaging

35. As a user, I would like to be able to message users after I am paired with them for a job event so that I can discuss details of the work and get to know them.
36. As a user, I would like the messaging to be open for a week after the event occurred, so that I can still message them in case I need to talk to them after the event occurred.

Rating

- 37. As a user, I would like to be able to place a review on my clients after a finished job, so that my feedback can help other users.
- 38. As a user, I would like to be able to place a review on my job creator after a finished job so that my feedback can help other users.
- 39. As a user I would like to be notified by email to review the user that I hired or was employed by after the job was completed so that I make sure to review them later.
- 40. As a user, I would like to be able to see a job creator's rating before taking a job.
- 41. As a user, I would like to be able to see a job seeker's rating before accepting their help.
- 42. As a user, I would like to be able to report fishy users, so that other users can work with them with caution.
- 43. As a user, I would like to be able to select between multiple report criteria in order to narrow my report reason.
- 44. As a user, I would like to be able to see whether a user has a higher rate of reports so that I can determine whether they are untrustworthy or not.

Verifying

- 45. As a user, I would like to be able to login with my school email to have a verified school account.
- 46. As a user, I would like to see if a job seeker has a verified school account before accepting their help.