

C S 6 9 1



Teamerizer!



Team 1:

Ninad Anil Chemburkar

Vijay Sunder Gatike

Robert Harkov

John Madias

Jimen Moy

John Pelliccia

Deliverable 4



Problem We're Solving

Forming teams for academic projects is sometimes troubling for those involved. Our app aims to fix that problem by giving our users an easy-to-use application that will give them the flexibility to create groups, elect to enter a group, search user skills, and much more!



Issues forming teams



Not knowing skill level of team members

Too many similar skills on one team

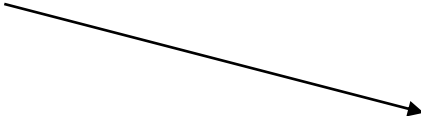
Feelings of discomfort working with strangers



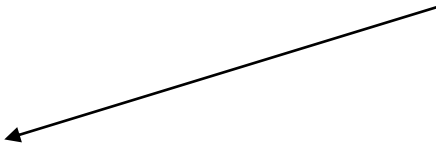
User Persona 1

I am Nancy Johnson and currently studying at the University of Colombia and I have 3.94 GPA. My major is Business and Finance. At the university, I had my first group project in which the professor gave us a task to organize a team of five by the end of class. I looked around the class and got nervous because I did not know anyone.

In conclusion my first project group experience at the University was unpleasant and I wish there was a way to help me find good teammates to make a balanced team for a group project in a full class of unknown people.



Due to many unknown faces, it was difficult for me to find people to team up with. I know how important it is to have a good team because your grade will suffer if the team is not contributing. I decided to team up with people who were sitting next to me and shortly after, figured out it was a mistake. I had to do all the work for the team since they did not care, and their knowledge and skills were not useful for the project.

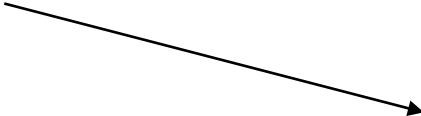




User Persona 2

I am Ian Pagonis and I am a student at Pace University with a GPA of 2.16. My major is Computer Science. One semester, I had an unpleasant experience finding teammates for a group project. Most people knew each other, so they knew their strengths and weaknesses. In my case I had a team of people I didn't know, and my team members strengths were not very productive to completing our project.

I wish there was a way to check people's skills before forming a team. It would make the combination of skills in the team much better.



During the project we hit a lot of bumps in the road because nobody on the team had the skills necessary for completing the task. It was extremely complicated to be on a team with people who you know nothing about and therefore unable to direct the appropriate tasks to the right person.



User Persona 3

My name is Bob Ewell and I am studying Economics. I have a GPA of 3.36. I was an exchange student for one semester and one class required a group project. I had to find myself a team in a university where I have never studied before and did not know anyone.

Since most classmates already knew each other, I was with people who were left over – since they were not good students, and nobody wanted them on their team. This was very difficult semester for me because I had to do all the work for them.

I wish a professor could assist the class in making a fair team, which has a balance of good students and bad students. This way there wouldn't be a cluster of all the good students in a group, like mine where group members ended up with bad grades as they are not motivated or productive.



Our Solution

But what makes us different?



- + Search for team members in your class
- + View verified skills of potential team members
- + Get matched with potential team members based on the skills your team needs
- + Accept or decline offers to join teams
- + Overall ability for the user to make smart, educated decisions on team members

Teamerizer!

An app for building teams specifically for the school setting



Deliverable 1

| | |
|--|------------|
| <input checked="" type="checkbox"/> As team we will come up with a significant business and features for our project | JM CP-2 ↑ |
| <input checked="" type="checkbox"/> As a team we need to set a schedule | JM CP-19 ↑ |
| <input checked="" type="checkbox"/> As a team we will decide what languages and frameworks we will use to develop our apps | JM CP-6 ↑ |
| <input checked="" type="checkbox"/> As a team we will create our user personas, users who will be using the app | JM CP-3 ↑ |
| <input checked="" type="checkbox"/> As a team member we will need to create the power point presentation for deliverable 1 | JM CP-5 ↑ |
| <input checked="" type="checkbox"/> As a team we will design the user interface | JM CP-18 ↑ |
| <input checked="" type="checkbox"/> Research ionic, databases connectivity and functionality | JM CP-20 ↑ |



Deliverable 2

| | | | |
|--|-------|---|----|
| <input checked="" type="checkbox"/> As a team we will create user stories for the product and add story points to existing stories | CP-7 | ↑ | |
| <input checked="" type="checkbox"/> As a team we need to decide what will be in our MVP, including major features | CP-12 | ↑ | |
| <input checked="" type="checkbox"/> As a team we will create test cases for our product | CP-9 | ↑ | |
| <input checked="" type="checkbox"/> As a team we will discuss and agree on acceptance criteria | CP-8 | ↑ | |
| <input checked="" type="checkbox"/> As a team we will create/review product backlog and decide the difficulty of each user story by assigning points | CP-10 | ↑ | |
| <input checked="" type="checkbox"/> As a team we will add users stories to the sprint backlogs | CP-11 | ↑ | |
| <input checked="" type="checkbox"/> As a team member we will need to create the power point presentation for deliverable 2 | CP-15 | ↑ | |
| <input type="checkbox"/> As a user I will be presented the log in page when opening the application | CP-29 | ↑ | 20 |
| <input type="checkbox"/> Users log in page will have a log-in authentication | CP-30 | ↑ | 20 |
| <input type="checkbox"/> As a new user I will be able to navigate to the new user "sign up" page and be presented the layout | CP-31 | ↑ | 13 |
| <input type="checkbox"/> Sign up page will be connected to database with all proper database handlers | CP-32 | ↑ | 13 |
| <input type="checkbox"/> As a team we will design on a color scheme for the application | CP-36 | ↑ | 20 |



Deliverable 3



As a user I will be able to access my user profile

CP-33



-



As a user I will be able to edit items in my user profile

CP-23



-



Deliverable 4

Projects / Capstone Project / CP board

Backlog

Only My Issues Recently Updated

VERSIONS
EPICS
2019.0.4 - Sprint 4 14 issues
26/Nov/19 10:53 PM - 16/Dec/19 10:53 PM

4 12 0 Linked pages 0 ...


...

| | | | | | |
|-------------------------------------|---|--|-------|---|---|
| <input checked="" type="checkbox"/> | Create the first draft of the technical paper | | CP-56 | ↑ | |
| <input checked="" type="checkbox"/> | As a team we will have completed the MVP | | CP-27 | ↑ | |
| <input checked="" type="checkbox"/> | As a team member we will need to create the power point presentation for deliverable 4 | | CP-16 | ↑ | |
| <input checked="" type="checkbox"/> | As a team we will finalize the documentation on design and technologies | | CP-28 | ↑ | |
| <input checked="" type="checkbox"/> | Technical paper Final Version | | CP-53 | ↑ | |
| <input checked="" type="checkbox"/> | As a user while creating the group I will be presented the matched members page with all potential members based on the parameters I entered. | | CP-46 | ↑ | 3 |
| <input checked="" type="checkbox"/> | As a user I will click on member in the group details or matched member page and view the member details - *Member Details Page** | | CP-41 | ↑ | 1 |
| <input checked="" type="checkbox"/> | As a user if I select a group I am in I will be presented a page with the group information and members - *Group Details Page** | | CP-54 | ↑ | 2 |
| <input checked="" type="checkbox"/> | As a user I will be able to select multiple skills on the group set up as well as delete them | | CP-44 | ↑ | 2 |
| <input checked="" type="checkbox"/> | As user when I am on the home page it will display available groups and my current groups | | CP-43 | ↑ | 2 |
| <input checked="" type="checkbox"/> | As a user I will be able to select multiple skills and skill level and they will be added to the database | | CP-60 | ↑ | 3 |
| <input checked="" type="checkbox"/> | As a user who created the group when I click on a user group from the home page if I created that group I am presented a group details page tha | | CP-61 | ↑ | 3 |
| <input type="checkbox"/> | Error Message in Console when you click any items | | CP-63 | ↑ | |
| <input type="checkbox"/> | Compile error on the group creation page | | CP-64 | ↑ | |



Log in screen

Teamerizer!



Email *

Password *

LOGIN

SIGN UP

Get Started

Welcome to Teamerizer!

Ready to start or join a team? Use Teamerizer! to help you build the kind of team that YOU want.

My Teams

Teamerizer.

John Dove

Home

Profile

Log Out

Group Creation

GroupCreation

Teamerizer

Bringing Groups Together

Skills

| Skill | Level |
|-------|-------|
|-------|-------|

ADD GROUP

CANCEL

GroupCreation

Teamerizer

Bringing Groups Together

Skills

| Skill | Level |
|-------|-------|
|-------|-------|

ADD GROUP

CANCEL

CANCEL

DONE

| | |
|--------|--------------|
| Python | Advanced |
| iOS | Intermediate |
| JAVA | Beginner |

GroupCreation

Teamerizer

Bringing Groups Together

Skills

| Skill | Level | |
|-------|----------|--|
| iOS | Beginner | |

Thomas Willson (iOS)

Bob Bill (iOS)

John Dove (iOS)

John M (iOS)

ADD GROUP

CANCEL

T!

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Teamerizer.

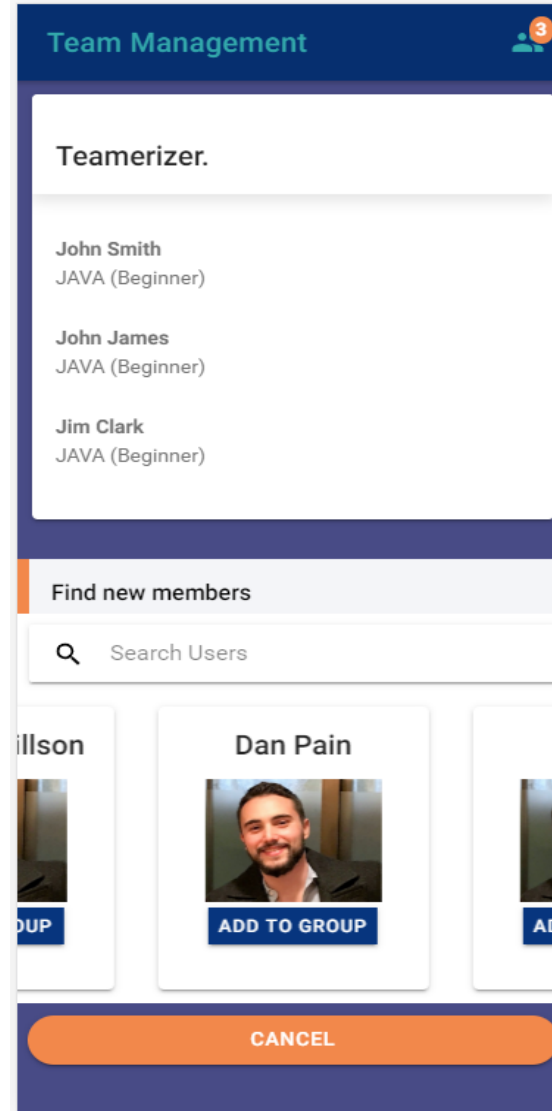
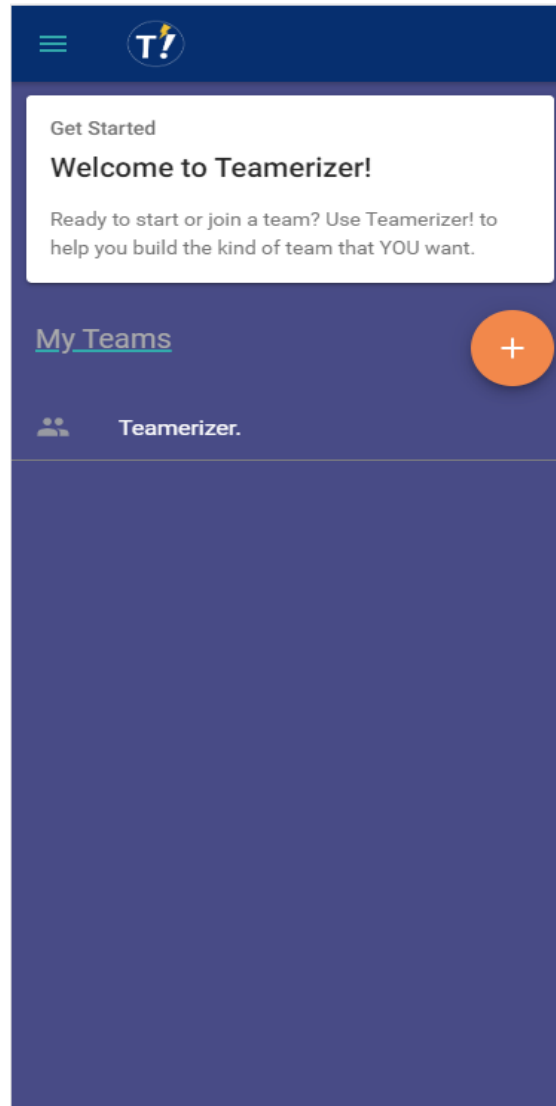
Sucess

Group has been created!

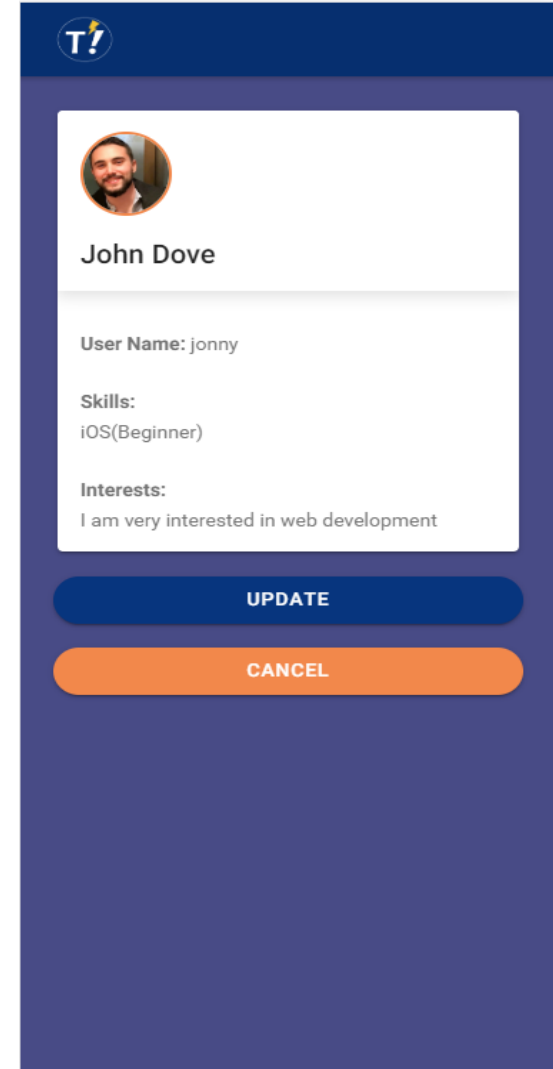
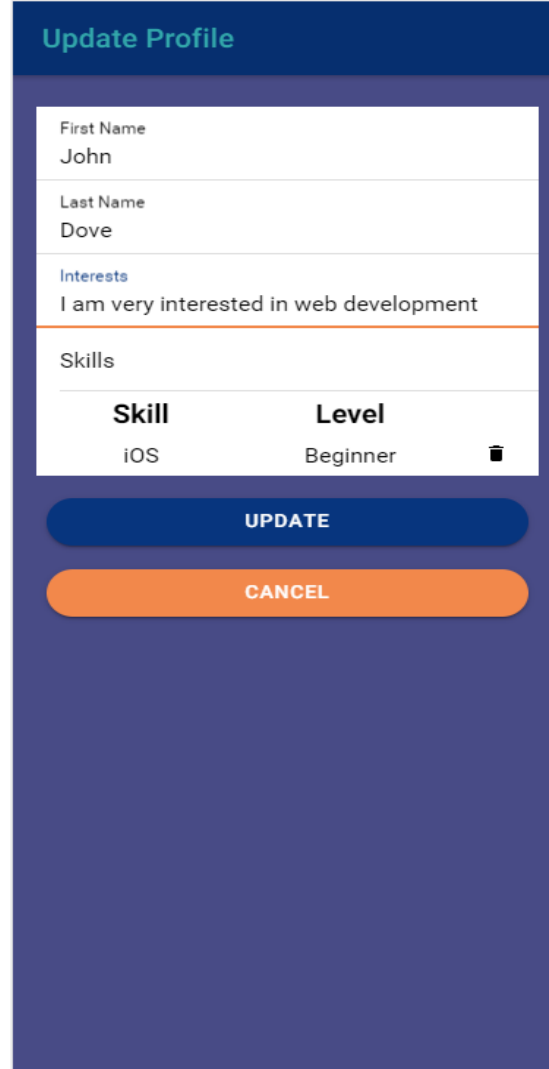
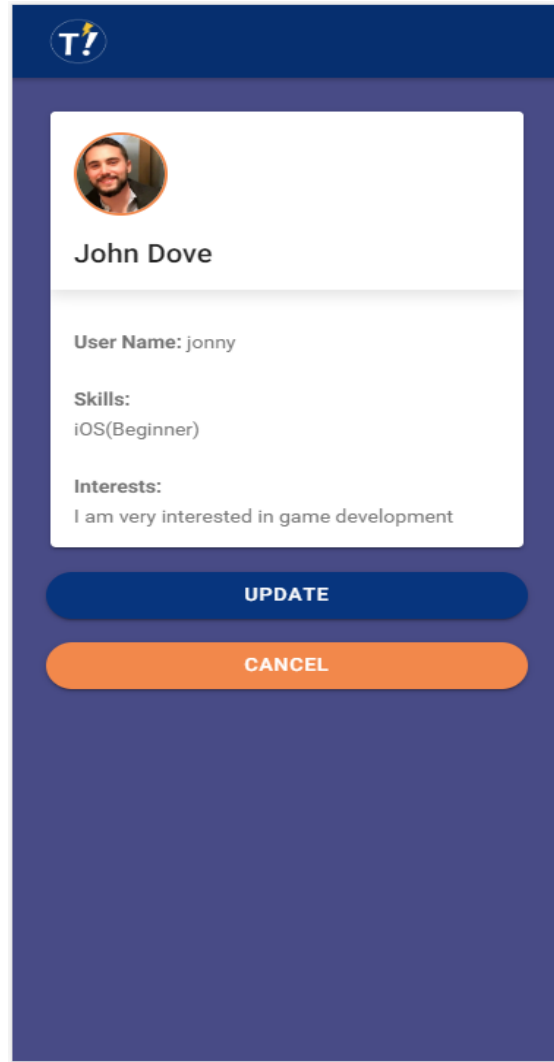
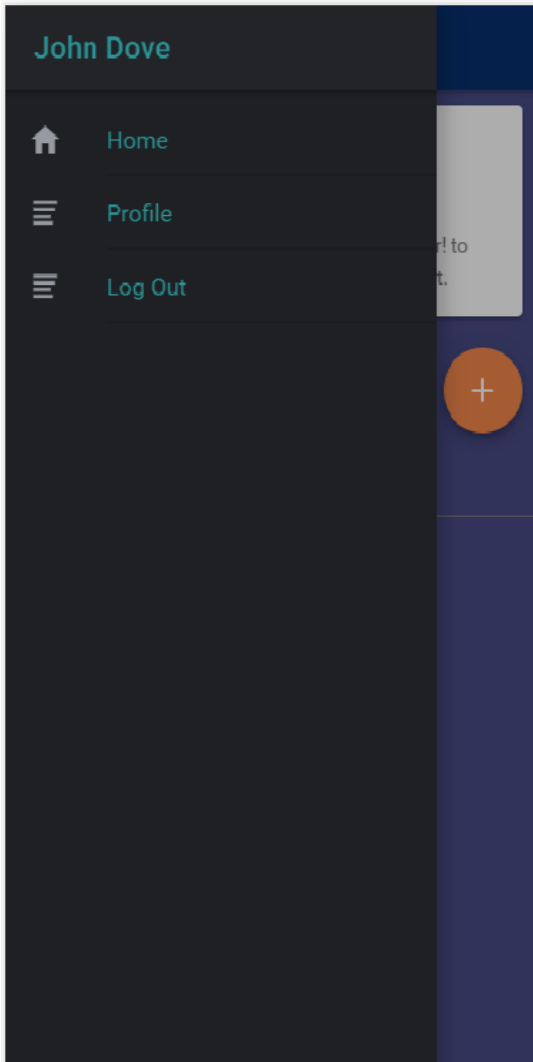
OK



Team Details



Update Profile



- User Log-in
 - User email
 - User password
- User Sign-up Page
 - Username
 - User email
 - Setting user password
- Update Profile & Profile Page
 - User First Name
 - User Last Name
 - User Skills
 - User Skill Levels
- Main Page
 - Present users current groups
 - Present available groups
- Group Details Page
 - Displays selected groups details, including project description, required skills and current members

MVP

- Members Details Page
 - Displays member name, skills and skill level
- Group Creation Page
 - User set-up of group including, description, class, group size and skills needed
- Matched Members Page
 - This page will display members that were matched based on your group creation criteria

- User Log-in
 - **Given** I'm logged-out of the app and I'm on the sign in page. **When** I fill out the "Username" and "Password" with my authentication credentials and I click the "Log on" button I am signed into the app and **then** presented the Main page.
- User Sign-up Page
 - **Given** I'm logged-out of the app and I'm a new user on the sign-up page. **When** click the "Sign Up" button I am presented the sign-up page. I fill out the "Username", email, password and I click the "Sign-up" button I am signed up and logged into the app. **Then** I am presented the update profile page
- Update Profile & Profile Page
 - **Given** I'm logged in or a new user and I'm on the profile page. **When** I fill out a new "First Name", "Last Name", "Skills" and Skill level" and click the "Update" button my profile is updated and ***then*** I am presented the home page.

Acceptance Criteria

- Main Page
 - **Given** I'm logged into the app and **when** I navigate to the home page **then** I am presented my current groups and available groups.

- Group Details Page
 - **Given** I'm on the Main page and I click on a group **when** the group details page comes up **then** I am presented with information about the group and its members.
- Members Details Page
 - **Given** I'm on the group details page or matched members page **when** I click on a member **then** I am presented the members details page with member name, skills and skill level
- Group Creation Page
 - **Given** I am on the main page and **when** I click create group, I am presented the group creation page and **then** I can select the description, class, group size and skills needed

Acceptance Criteria

- Matched Members Page
 - **Given** I am on the group creation page **when** I click submit, I will be presented with a list of matched members and **then** I can review and invite members to be part of the group.

Future Iterations

In future iterations of the application we will expand functionality to include professor access so that professors are able to review all the student's skills, interests and group choices so they can pick the group members instead of student self-selection. Another enhancement in the backlog to be completed is an invite system when users are added to groups by other students, this way if the group does not interest them, they can decline to be in it.

Technologies Used



Video Demonstration

<https://www.youtube.com/watch?v=yGUCAHrftX8&feature=youtu.be>

GitHub Wiki

<https://github.com/jtp098/CapstoneProject/wiki>