



San Francisco, CA 94123
(415) 724-9116

Milestone 5

MEET OUR AWESOME TEAM 5 MEMBERS

Jeffrey Fulmer Gardner

Team Lead / Github Master/ jfulmergardner@mail.sfsu.edu

Adele Wu

Front-end Lead

Eddy Yun

Back-end Lead

Jeffrey Friedrich

Database Lead

Jose Andres Quinteros

Team member of Front-end/Document Master

Kris Byington

Team member of Database Team

CSC 648/848 Software Engineering - Fall 2021

December 7th 2021

Use Cases, High-level Requirements and Architecture

Henry Villar, CEO & CTO, SFSU

jvillar@mail.sfsu.edu

Acknowledge

Content based on class material created by Dr. D. Petkovic & Anthony Souza

Team05 - www.RoomM8.net

HISTORY TABLE

MILESTONES	REVISION DATE	NOTES / FEEDBACK
Milestone 1 draft	September 21, 2021	No revision. High Level Requirements & Specifications, Use Cases, and Architecture. Status: COMPLETED
Milestone 2 draft	October 1, 2021	More Detailed Requirements, Specs, Architecture, UI, Mock-Ups and Vertical SW prototype. Status: COMPLETED
Milestone 3 draft	October 26, 2021	Review of Functionality, UI, SW and planning for final product delivery. Status: COMPLETED
Milestone 4 draft	November 9, 2021	Beta Launch, QA and Usability Testing and Final Commitment for Product Features (P1 list). Oral Presentation (Seniors) - On track. Status: COMPLETED
Milestone 5 draft	December 7, 2021	Final Demo and Documents for Grading Status: COMPLETED

1) Cover page containing:*COMPLETED***2) Product summary: Please copy this section from M4 (it is put here again for completeness of M5)***COMPLETED***Name of the product: Room M8**

Room M8 is an application that helps people find roommates by offering a place for people without rooms to connect with people with rooms.

Functions:**Guest Users**

- Guest users are able to access the landing page.
- Guest users are able to search for rooms.
- Guest users are able to search for roommates.
- Guest users are able to register and create accounts.
- Guest users shall not be able to utilize premium features (posting + commenting)

Registered Users

- Registered users are able to access the landing page.
- Registered users are able to access the about page.
- Registered users are able to access the login page.
- Registered users are able to access the landing page.
- Registered users are able to access the about page.
- Registered users are able to access the login page.
- Registered users are able to search for rooms.
- Registered users are able to search for roommates.
- Registered users are able to post a vacant room.
- Registered users are able to search around their preferred location.
- Registered users are able to set their room preferences such as: majors, school, pets, smoking, language, similar interests, and/or hobbies.
- Registered users are able to filter roommates by majors, school, pets, smoking, language, similar interests, major, and/or hobbies.

Admins

- Admins are able to delete or ban any registered users.
- Admins are able to give and/or remove permissions and other users that are not admins.

4

Our unique feature includes our expansive filter options and searches are divided between users and rooms.

URL: roomm8.net or <http://3.13.140.74/>

3) Milestone documents – M1-M4 (Andres...)

M1, M2, M3 feedback summary report, M4 - all frozen versions after feedback was incorporated as specified before. You do not have to revise them based on changes after they were frozen. This way they are kind of “snapshots in time”.

MILESTONE ONE				
ID	Item	Criteria	Feedback	Progress
01	Expected size of this document	About 7-10 pages	Good (11). Please include page numbers.	Freezed / Done
02	Title Page	Names of students and roles	OK. Missing roles, and revision table	Freezed / Done Freezed / Done
08	Competitive analysis	3-4 competitive products	Good. Just add references from where you got that information	Freezed / Done
09	High-level system architecture and technologies used	High-level system architecture and technologies used	We also were expecting an initial graphical representation of the architecture. The HL architecture is missing.	Freezed / Done

Next Steps: Understand the feedback, talk to your team and decide what needs to be added to M1 and then freeze the document and move on to work on M2.

MILESTONE TWO No Frozens Feedback Provided

All Good and ON TRACK.

Next Steps: Review this feedback with your team, incorporate any if needed and freeze it. Start or continue. Feedback working on M3. Keep it up, your team is on track, keep it that way.

Freezed /Done

MILESTONE THREE **No Frozens Feedback Provided**

All Good and ON TRACK.

Next Steps: Review this feedback with your team, incorporate any if needed and freeze it. Start or continue.

Milestone 3 review summary missing???

MILESTONE FOUR

MILESTONE FOUR				
ID	Item	Criteria	Feedback	Progress
02	Document delivered (PDF)	1. Product summary (~1/2 p) 2. Usability test plan (~2 p) 3. QA test plan (~2 p) 4. Code Review (~2 p)	The Summary is okay. You don't need to copy and paste the instructions [(e.g. how would you market and sell your product – about 1/2 page)]. 1- line/sentence for what is unique in your product seems really poorly. You should complement your summary with the executive summary you developed in M1. 19 P1s identified. UT: Measure overall friction??? Typo? It is always good to have a numbered list of tasks, step by step to make it clear for the tester. Likert Test is good. QA testing. A little more detail describing this section would be good. Table is good. Code review is okay, but per review was a screenshot without that much description nor details	2.Instructions removed on all Documents/ <i>Freezed/Done</i> <i>Done</i> <i>Freezed / Done</i> <i>Freezed / Done</i> <i>Freezed / Done</i>

		<p>6. Self-check: Adherence to original Non- functional specs ~7 pages</p>	<p>of the findings. Security best practices okay. Non-functional Specifications: 11 are marked as done, 3 empty, assuming those are on-track. Those On- Track status should add a comment about when they will be done or plans.</p>	<p><i>On-track</i></p>

4) Product Screen Shots

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Welcome to RoomM8! Tell us how we can help you.

I need a room I need a roommate

Why use RoomM8?

-
-
-

RoomM8 is dedicated to helping you find your perfect roommate. We offer extensive filters to ensure that you find exactly what you are looking for.

We understand that the importance of finding an environment that suits you. RoomM8 is where people who are looking to host their room and people who are looking for a room meet.

RoomM8 is reliable and easy to use. Upload your information and connect with our diverse pool of users. We guarantee that RoomM8 will help you find your perfect match.

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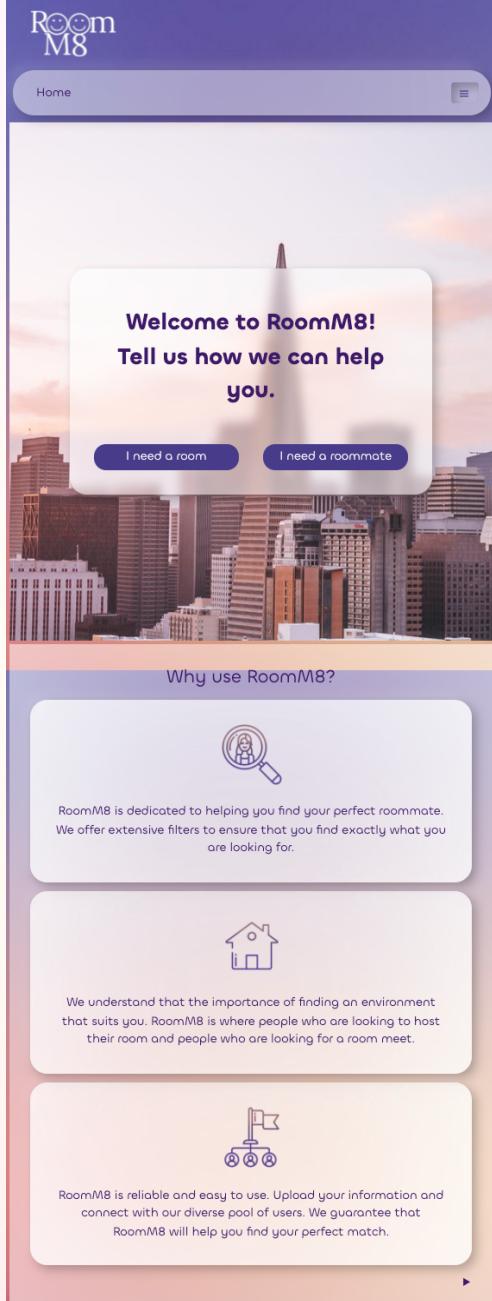
Terms and Conditions

CONTACT US

RoomM8@FakeEmail.com
(555)555-5555

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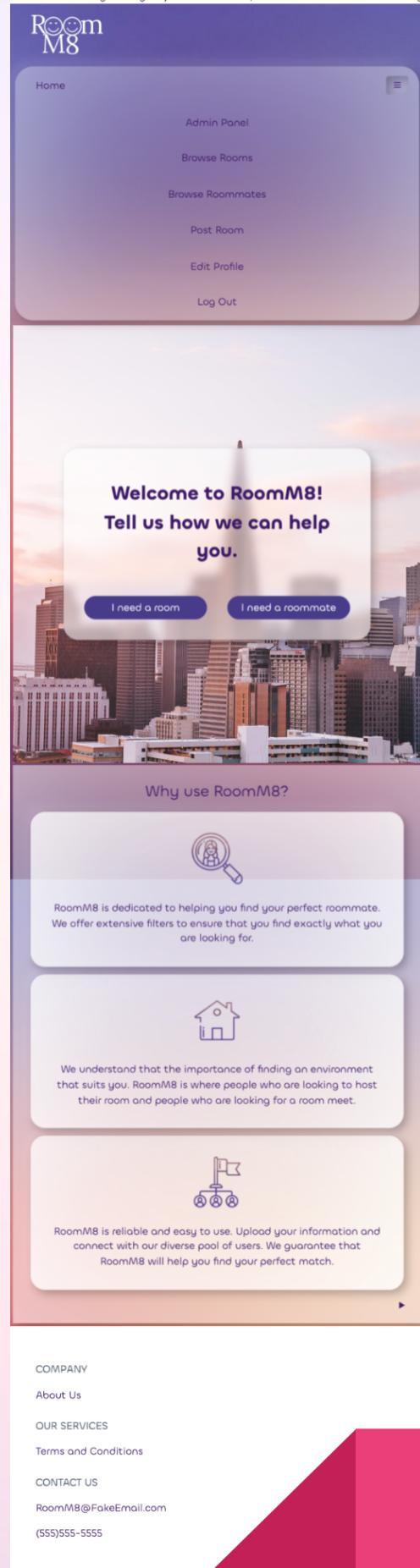
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Room M8

Home Browse Rooms Browse Users Sign Up Log In

search 

Price Range:
Min Price - Max Price

Privacy:
 Private Room
 Shared Room

Amenities:
 Parking Disability

Filter

mi casa
666 Hell Ave
Great and warm place.

Check Post

great place to chill
123 Eddys house
yup

Check Post

shutterstock

something different

Map **Satellite**



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Room M8

Home

Search

Price Range:

Min Price: Max Price:

Priority:

Private Room

Shared Room

Features:

Parking Disability

Filter



mi casa
606-461-1906
Check and warm place.

Check Out



great place to chill
93 Ridge house
gto

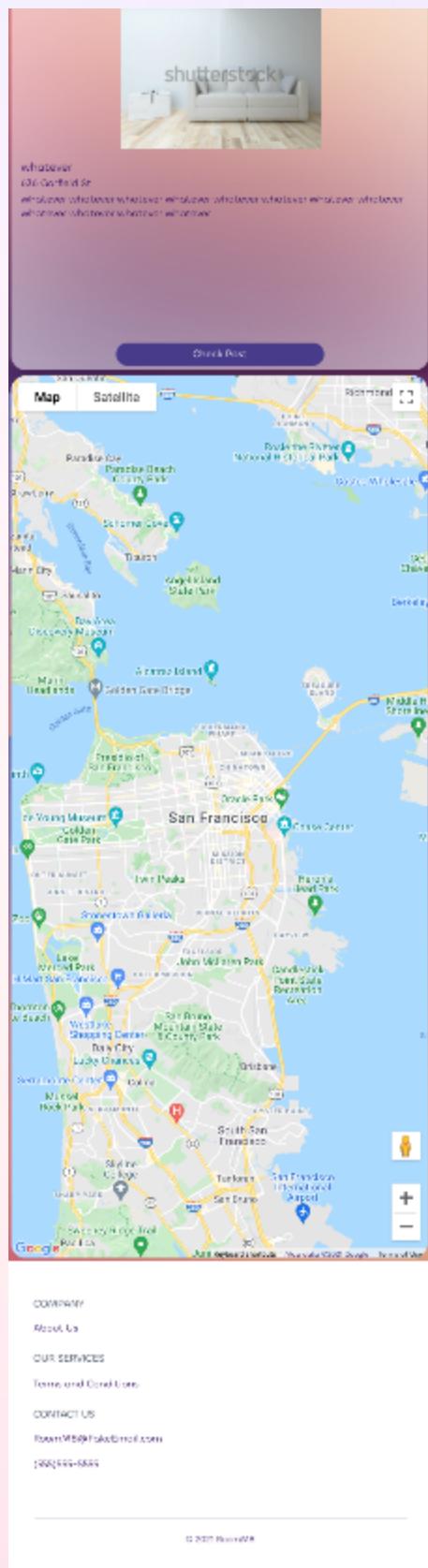
Check Out



010-010
905 Concord Ave
affordable place

Check Out





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Room M8

Home Admin Panel Browse Rooms Browse Roommates Post Room Edit Profile Log Out

shutterstock

ertyerty

Address: 985 Carolo Ave
Rent: \$4321.00
Description: ertyerty's place
Privacy: Shared Room
Listing Created: Sat Oct 09 2021 23:24:22 GMT-0700 (Pacific Daylight Time)

Host Details

Username: ertyerty
Name: Ertgyerty Ertgyerty
Gender: Male
Birthday: Mon Jul 02 2018 00:00:00 GMT-0700 (Pacific Daylight Time)
Occupation: Student
Field: Family and Consumer Sciences/human Sciences
School: Hult International Business School

Leave a Comment:
Ask a question or write a review

Comment

This is a message
Wed Oct 13 2021 22:23:41 GMT-0700 (Pacific Daylight Time)

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Room M8

Home



ertyerty

Address: 985 Carola Ave
Rent: \$4321.00
Description: ertyerty's place
Privacy: Shared Room
Listing Created: Sat Oct 09 2021 23:24:22 GMT-0700 (Pacific Daylight Time)



Host Details
Username: ertyerty
Name: Eryerty Eryerty
Gender: Male
Birthday: Mon Jul 02 2018 00:00:00 GMT-0700 (Pacific Daylight Time)
Occupation: Student
Field: Family and Consumer Sciences/human Sciences
School: Hult International Business School

Leave a Comment:
Ask a question or write a review

This is a message
Wed Oct 13 2021 22:23:41 GMT-0700 (Pacific Daylight Time)

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Room M8

Home Browse Rooms Browse Users Sign Up Log In

search 

Gender: Female Male
 Other

Age Range: Min Age - Max Age

Occupation: Student Professional

Fields: Select a Field 

School: Select a School 

Pets: Dog Cat Fish Reptile
 Bird

Smoking: Yes No

Lifestyle: Clean Messy

Schedule: Early Bird Night Owl

Language(s): Afrikans, Albanian, Arabic, Armenian
 (Hold for more, hold cmd to select multiple)

Interests: Art Cooking Exercising Camping Music

Filter



Bob Belchor
male
Sun Mar 22 1981 00:00:00 GMT+0000 (Coordinated Universal Time)
Business, Management, Marketing, and Related Support Services
Heald College
bob@burgers.com
bobsBurgers

Display bobsBurgers



Ahasdfah Aasdgdgsfgasd
female
Thu Jul 19 2018 00:00:00 CMT+0000 (Coordinated Universal Time)
Aviation
San Francisco Art Institute
asjkhfkl@gmail.com
xcvbxcvb

Display xcvbxcvb



Asfasdfb Absdafbfa
male
Wed Jul 11 2018 00:00:00 CMT+0000 (Coordinated Universal Time)
Communication, Journalism, and Related Programs
DeVry University
vjaosdfkl@gmail.com
Sdfgsdfg

Display Sdfgsdfg



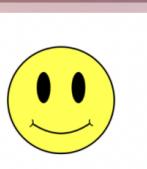
Kristopher Stone
other
Tue Dec 25 2018 00:00:00 CMT+0000 (Coordinated Universal Time)
History
College of San Francisco
newFoke@test.fake
stoney

Display stoney



Geoffrey Gimlet
male
Sat Jul 22 1995 00:00:00 CMT+0000 (Coordinated Universal Time)
Agriculture, Agriculture Operations, and Related Sciences
College of San Francisco
CCFools@excelsior.com
CCFools

Display CCFools



sdaf asdf
male
Sun Jul 22 2018 00:00:00 CMT+0000 (Coordinated Universal Time)
Agriculture, Agriculture Operations, and Related Sciences
College of San Francisco
asdf@sdfg.vcom
asdfij

Display asdfij

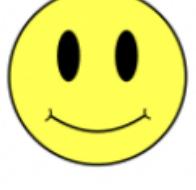
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Room M8

Home



Ahsdfah Aasdgdagsfgasd
female
Thu Jul 19 2018 00:00:00 GMT+0000 (Coordinated Universal Time)
Aviation
San Francisco Art Institute
osjkdfhkojl@gmail.com
xcvbxvcv



Bob Belchon
male
Sun Mar 22 1981 00:00:00 GMT+0000 (Coordinated Universal Time)
Business, Management, Marketing, and Related Support Services
Heald College
bob@burgers.com
bobsBurgers

Gender:
 Female Male
 Other

Age Range:
 -

Occupation:
 Student
 Professional

Fields:

School:

Pets:
 Dog Cat
 Fish Reptile
 Bird

Smoking:
 Yes No

Lifestyle:
 Clean Messy

Schedule:
 Early Bird Night Owl

Language(s):
Afrikaans
Albanian
Arabic
Armenian
(scroll for more, hold cmd to select multiple)

Interests:
 Art Cooking
 Exercising Gaming
 Music

Bob Belchon
male
Sun Mar 22 1981 00:00:00 GMT+0000 (Coordinated Universal Time)
Business, Management, Marketing, and Related Support Services
Heald College
bob@burgers.com
bobsBurgers

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Room M8

Home Browse Rooms Browse Users Sign Up Log In

First Name:

Last Name:

Submit

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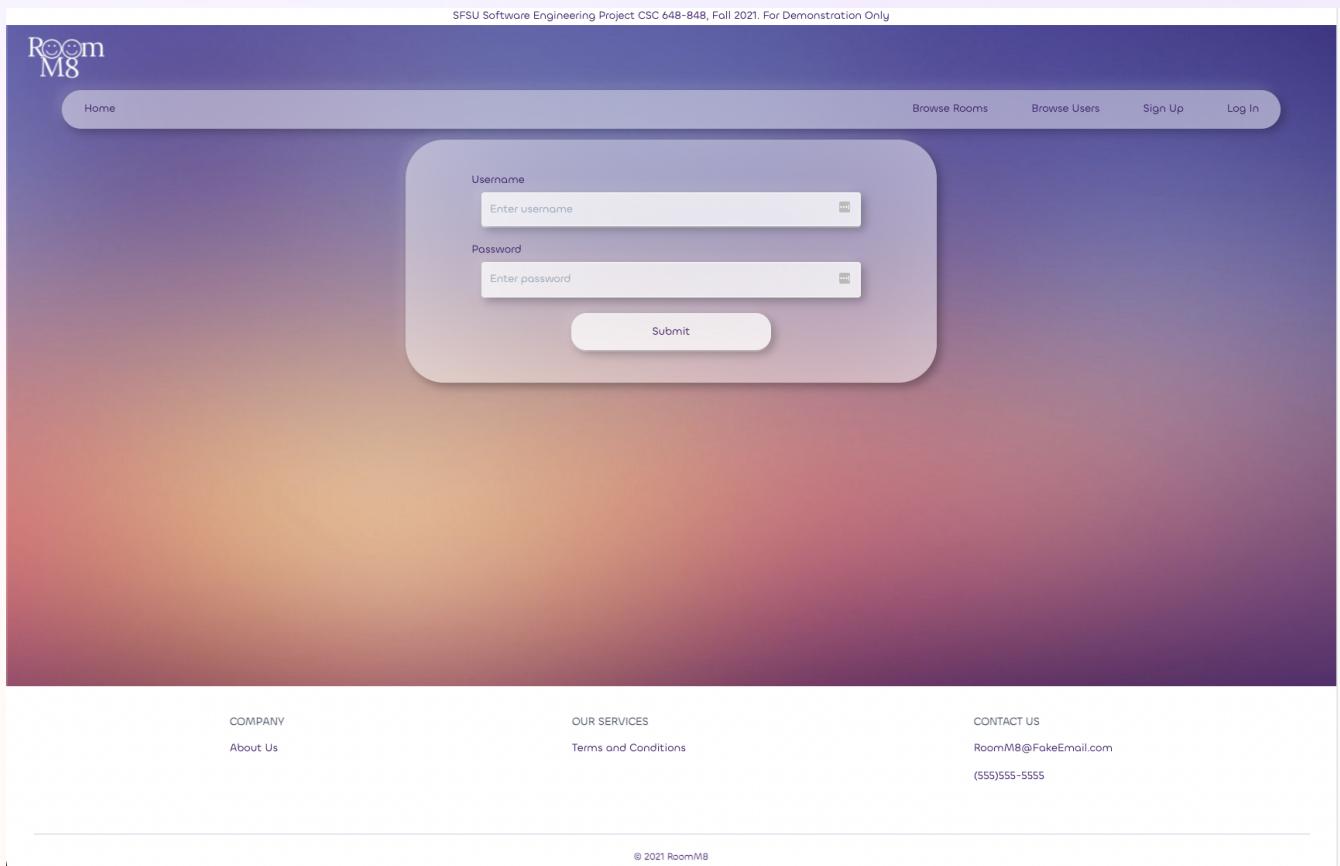
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The image shows the login page of the RoomM8 website. The header features the RoomM8 logo and navigation links for Home, Browse Rooms, Browse Users, Sign Up, and Log In. A central modal window contains fields for Username and Password, both labeled "Enter [field]" and accompanied by small icons. A "Submit" button is located at the bottom of the modal. The footer includes sections for COMPANY (About Us), OUR SERVICES (Terms and Conditions), and CONTACT US (RoomM8@FakeEmail.com, (555)555-5555). A copyright notice at the bottom states "© 2021 RoomM8".

RoomM8

Home Browse Rooms Browse Users Sign Up Log In

Username
Enter username

Password
Enter password

Submit

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Admin Portal

Edit a User

Edit this user

Match user

Change password

Change email

Delete user

Enter admin username

Enter admin password

Look Up a User

Username lookup

Email lookup

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Room M8

Home Admin Panel Browse Rooms Browse Users Post Room Edit Profile Log Out

Delete Profile

Delete Profile

First Name:

Last Name:

Gender:

update Male Female Other

Birth Date:

Fields:

School:

Email:

Username:

Password:

Confirm Password:

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(555)555-5555

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5) Screen shots of key DB tables (1-2 pages)

Show a snapshots of all important DB tables such as user table, item table, category table.

Make it easy to read and review

```
CREATE TABLE `users` (
  `user_id` INT,
  `first_name` VARCHAR(128),
  `last_name` VARCHAR(128),
  `gender` VARCHAR(70),
  `dob` DATE,
  `occupation` VARCHAR(100),
  `fields` VARCHAR(100),
  `school` VARCHAR(70),
  `email` VARCHAR(128),
  `username` VARCHAR(128),
  `password` VARCHAR(128),
  `photopath` VARCHAR(128),
  `description` TEXT,
  `userstype` INT,
  `created` DATETIME,
  `active` TINYINT
)
Indexes
```

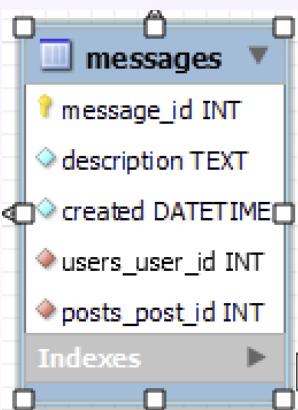
The users table stores information about people who join the site, both administrative and related to their search for a roommate. User preferences are stored in a separate, connected, indexed table.

user_id	first_name	last_name	gender	dob	occupation	fields	school	email	username	password	photograph	description	ertype	created	active
2	Asdfasf	Asdfasf	Male	7/2/2018	Student	Health Professions and Related Programs	San Francisco Art Institute	agsdf@gmail.com	agsdf	S201505CU	NULL	NULL	1	10/09/2019 20:56	0
3	Zxczvcv	Zxcv	Female	7/3/2018	Professional	History	San Francisco School of Digital Filmmaking	zxzcvcv@gmail.com	zxzcvcv	S201505SF	NULL	NULL	1	10/09/2019 20:57	0
4	Qwerqw	Qwerqw	Other	7/3/2018	Professional	Homeland Security, Law Enforcement, Firefighting	Head College	qwerqw@gmail.com	qwerqw	S201505NU	NULL	NULL	1	10/09/2019 21:00	0
5	Erterty	Erterty	Male	7/2/2018	Student	Family and Consumer Sciences/human Sciences	Hult International Business School	erterty@gmail.com	erterty	S201505KT	NULL	NULL	1	10/09/2019 23:22	0
6	Tiger	Lee	Male	7/11/2018	Professional	Health Professions and Related Programs	Head College	TigerLee@gmail.com	TigerTiger	S201505dc	NULL	NULL	1	10/11/2019 20:50	0
7	Anthony	So	Male	7/2/2018	Professional	Engineering Technologies and Engineering-Related Fields	Academy of Art University	ajskdMuskysdfh@gmail.com	rewrewqa	S201505TP	NULL	NULL	1	10/12/2019 0:26	0
8	Elon	Musky	Other	7/2/2010	Professional	Science Technologies/technicians	San Francisco State University	elonTheMusky@space.space	elonMusky	S201505W	NULL	NULL	1	10/16/2019 17:25	0
9	Jim	Halpert	Male	6/2/1990	Business, Management, Marketing, and Related Support Services	Wharton School of the University of Pennsylvania	jim@dundermifflin.com	jimhalper	S201505is	NULL	NULL	1	10/18/2019 23:22	0	
12	Jeffrey/Gordan	Gardner	Male	7/2/2018	Student	Agriculture, Agriculture Operations, and Related Sciences	College of San Francisco	JeffreyGardner@Outlook.com	JeffreyG	S201505VA	NULL	NULL	0	10/24/2019 22:11	0
13	Cookie	Monster	Male	7/25/1993	Professional	Aviation	San Francisco State University	test@test.com	cookie	S201505FF	NULL	NULL	1	10/24/2019 22:21	0
14	andres	quint	Male	6/19/1993	Student	Computer and Information Sciences and Support Services	San Francisco State University	randemdomjummie@gmail.com	andres	S201505ql	NULL	NULL	1	10/27/2019 2:07	0
15	Hennry	Villar	Male	7/22/1993	Student	Computer and Information Sciences and Support Services	San Francisco State University	oyorkoy@live.com	Villar	S201505KG	NULL	NULL	1	10/27/2019 3:16	0
16	sdfaf	asdf	Male	7/22/2018	Student	Agriculture, Agriculture Operations, and Related Sciences	College of San Francisco	asd@sfaf.com	asdffl	S201505AF	NULL	NULL	1	10/27/2019 4:59	0

```
CREATE TABLE posts (
    post_id INT,
    title VARCHAR(128),
    address VARCHAR(128),
    rent DECIMAL(10,2),
    privacy INT,
    description TEXT,
    photopath VARCHAR(128),
    thumbnail VARCHAR(128),
    created DATETIME,
    users_user_id INT
)
```

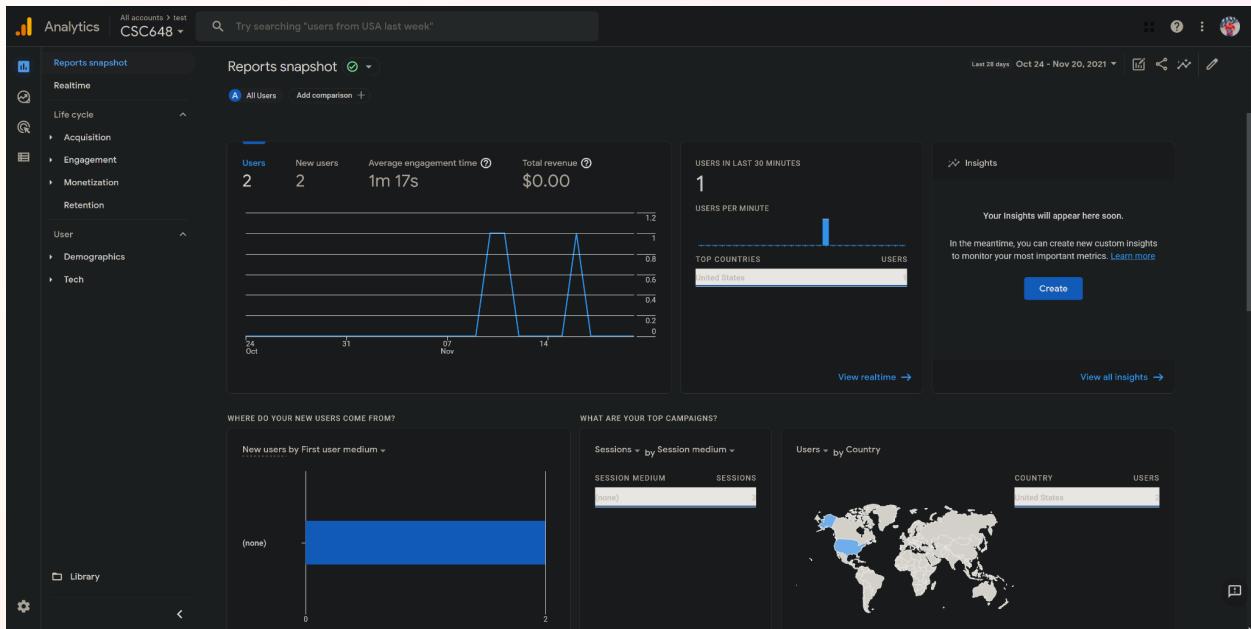
- The posts table stores information about the room being rented. Post amenities are stored in a separate, connected, indexed table.

The messages table stores all info related to messages past back and forth between users over a post.



message_id	description	created	users_user_id	posts_post_id
1	This is a message	10/13/2021 22:23	5	4
2	the host is great	11/6/2021 19:44	12	5

6) Google analytics plot for your WWW site (1 page)



Analytics | All accounts > test CSC648

Reports snapshot Reports snapshot A + Last 28 days Oct 24 - Nov 20, 2021

WHERE DO YOUR NEW USERS COME FROM?

New users by First user medium

SESSION MEDIUM	SESSIONS
(none)	2

View user acquisition →

WHAT ARE YOUR TOP CAMPAIGNS?

Sessions = by Session medium

SESSION MEDIUM	SESSIONS
(none)	2

Users = by Country

COUNTRY USERS

United States

View traffic acquisition →

View countries →

WHERE ARE ACTIVE USERS TRENDED?

User activity over time

30 DAYS 2.5
7 DAYS 2
1 DAY 1
0.5
0

24 Oct 31 Oct 07 Nov 14 Nov 20

View retention →

HOW WELL DO YOU RETAIN YOUR USERS?

User activity by cohort

Based on device data only

	Week 0	Week 1	Week 2	Week 3	Week 4	Week 5
All Users	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Oct 10 - Oct 16						
Oct 17 - Oct 23						
Oct 24 - Oct 30						
Oct 31 - Nov 6						
Nov 7 - Nov 13						
Nov 14 - Nov 20						

6 weeks ending Nov 20

View retention →

WHICH PAGES AND SCREENS GET THE MOST VIEWS?

Views by Page title and screen class

PAGE TITLE AND SCREEN...	VIEWS
Home Page	100
Login Page	50
Registration Page	20

view pages and screens →

WHAT ARE YOUR TOP EVENTS?

Event count by Event name

EVENT NAME	EVENT COUNT
user_engagement	100
app_view	50
session_start	20
first_visit	10
error	5

WHAT ARE YOUR TOP CONVERSIONS?

Conversions by Event name

EVENT NAME	CONVERSIONS
No data available	

WHAT ARE YOUR TOP SELLING PRODUCTS?

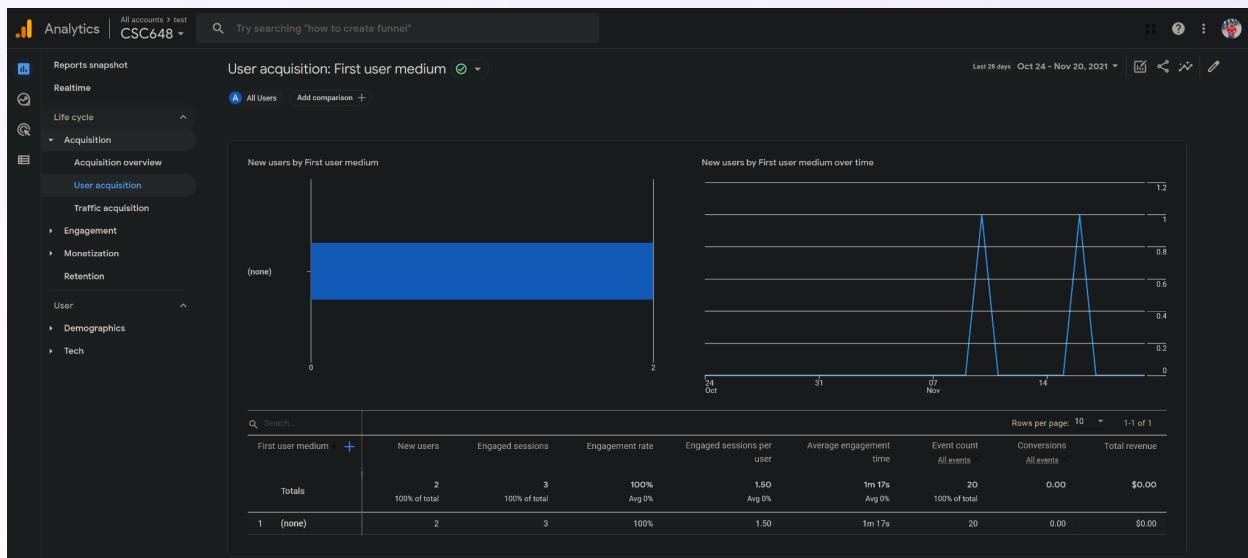
E-commerce purchases by Item name

ITEM NAME	E-COMMERCE PUR...
No data available	

HOW DOES ACTIVITY ON YOUR PLATFORMS COMPARE?

Conversions = by Platform

No data available



Google Analytics is a web analytics service that provides statistics and basic analytical tools for search engine optimization (SEO) and marketing purposes. It's part of the Google Marketing Platform and is generally free. The setup is fairly simple for a web application where all you would need is the script tag.

```
<!-- Global site tag (gtag.js) - Google Analytics -->

<script async
src="https://www.googletagmanager.com/gtag/js?id=GA_MEASUREMENT_ID"></script>

<script>

window.dataLayer = window.dataLayer || [];

function gtag(){window.dataLayer.push(arguments);}

gtag('js', new Date());

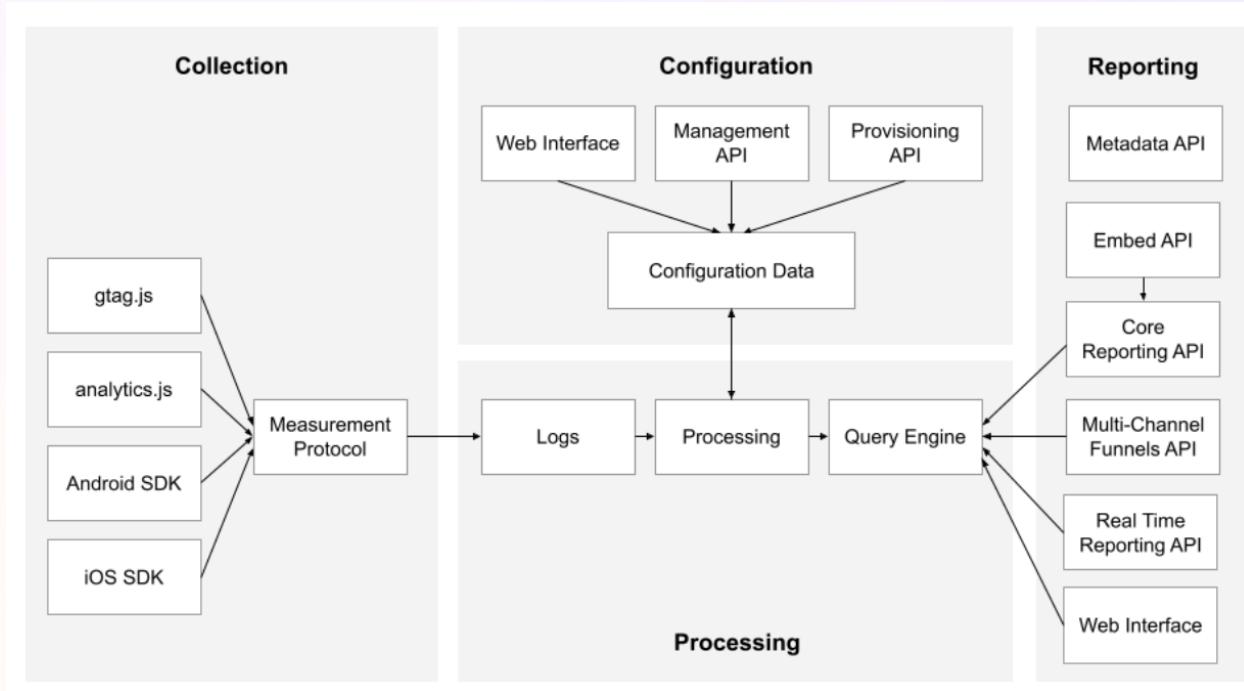

gtag('config', 'GA_MEASUREMENT_ID');

</script>
```

We would need to replace GA_MEASUREMENT_ID with the ID of your Google Analytics property to which you want to send data.

In essence, Google Analytics has four board steps of:

1. Collection: Collects user-interaction data.
2. Configuration: Allows you to manage how the data is processed.
3. Processing: Processes the user-interaction data with the configuration data.
4. Reporting: Provides access to all the processed data.



The report will help our marketing team to find stronger solutions to help determine what needs to be changed in our application to help bring more revenue.

7) Screen shot(s) of your task management system (like Trello) showing a snapshot of your project management

The team collaborated on the Quality assurance process using a google document. Each bug reported is required to have an image of the bugs behavior, the browser used, the git branch it is found on and the time of reporting. Then a priority was assigned based on the 3 tier system we agreed upon.



CSC 648 Group 5

team-meet-dates

Welcome to #team-meet-dates!

This is the start of the #team-meet-dates channel.

September 10, 2021

eddy 09/10/2021 7:00PM
9/10/2021 7:00PM

Jeffrey Friedrich 09/10/2021
DB Team - Monday 9/13/2021 10:00AM

eddy 09/14/2021
Group Meet - Friday 9/17/2021 7PM.
2

eddy 09/21/2021
Adele Jeff Meet 9/21/21 Noon
Jeff DB Meet 9/24/21 5pm (edited)

Jeff FG 09/22/2021
Group meeting 9/26/ time 5pm

September 28, 2021

Jeff FG 09/28/2021
Group meeting 10/2/ time 8pm
Adele and Jeff meet 9/30 time 2:30 pm (edited)

October 2, 2021

Jeffrey Friedrich 10/02/2021
Milestone 2 Section 3 Meeting- Jeff and Jeffrey - 10/3 time 11:00 am

October 15, 2021

eddy 10/15/2021
hi, is the meet today at 7pm? (edited)

Jeff FG 10/15/2021
yes

eddy 10/15/2021
Message #team-meet-dates

The entire team met at least once per week outside of class and teams had additional meetings as needed

CSC 648 Group 5

team-lead-stuff

Google Docs
Group 5 documentation
Documentation

September 07, 2021

Jeff FG 09/07/2021
my mic is not working
one second

eddy 09/13/2021
for the credentials readme.md
we need to update the ip address as
<http://3.13.140.74:3000/>

Jeff FG 09/14/2021
ok
what port number does the database need

eddy 09/14/2021
3306

October 12, 2021

eddy 10/12/2021

```
SELECT DISTINCT post_id,title,address,rent,description
    FROM /post/filter?minPriceRange=1&maxPriceRange=6 200
    GET /styleheets/style.css 304 0.374 ms -- -
    GET /styleheets/style.css 304 0.374 ms -- -
    GET /images/background3.jpeg 304 0.344 ms -- -
    GET /images/search_icon.png 304 0.451 ms -- -
    GET /images/roomM8_white.png 304 0.564 ms -- -
    POST /post/filter?minPriceRange=6&maxPriceRange=1000
    handlers[1].accessories[0].beacon[0].getServerInfo(pr
    You can add a runtime option to disable the check or
    See https://handlebarsjs.com/api-reference/runtime-options.html#options\_\_.filter
    GET /post/post/filter?minPriceRange=6&maxPriceRange=1000
    GET /styleheets/style.css 304 0.566 ms -- -
    GET /styleheets/style.css 304 0.552 ms -- -
    GET /images/background3.jpeg 304 0.478 ms -- -
    GET /images/roomM8_white.png 304 0.478 ms -- -
    found the reason why we can't ping twice
    It's concatenating
    imma fix this on master and test everything then push onto master and pull to mobaxterm and run the server
    I should be able to get it done by tonight hopefully
```

Kris B 09/07/2021
Message #team-lead-stuff

Team Leads had a direct connection to the group lead and a space for cross team coordination

8)

Adele wu -**Milestone Contributions:****MS0:****Developed the About Us page. Developed Adele's About Me page**

- MS1: Created the use case: Looking for someone to split cost (Madi). Conducted competitive analysis with SpareRoom, PadMapper, and RoomGo formally, as well as Roomster and Roommates
- MS2: Created UI mockups and storyboards for all major use cases
- MS4: Wrote up product summary
- Technical Contributions:
- Frontend

for: Navigation Bar, Footer, Landing Page, Browse Room Page, Browse Roommates Page, Sign Up Page, Login Page, Search/Filter Panel, Room Profile, Roommate Profile, Admin Portal, scalability/mobile view

**Eddy Yun-**

From the start of the semester, I kept up with all the meetings and contributed my thoughts and approaches to the team members of my group. I asked to given the role of the Back End Lead and here is the comprehensive list of contributions of the implementations:

- Wire Frame
- Database Design (working with Jeffrey Friedrich and Kris Byington)
- Scaffolding Layout (basic layout of our directory structure)
- AWS Deployment
- Connecting MySQL with AWS using RDS
- Back end routes

- Google Map API
- Filter and Search (Users, not Post)
- Creation of handlebar files (hbs) to link with the routes.

Currently, I have 43 commits in our repo's Contributors tab under Insights. All in all, it was fun.

Jose Andres Quinteros- My role on the team 5 project was Front-End/Document Master and some of the contributions included some modifications on the front end side of the application and also I was assigned the role of document master. In that role, I was responsible to oversee all the milestones documentation and make sure all parts of the milestone's requirements were completed on time and that no parts were missing. I also discussed with the team about the final presentation and we agreed that I would be presenting the project, so I am also in charge of displaying the final demo of the project. I believe I made about 5 submissions to the dev branch. As for the emails, most of our communication took place over our private Discord channel where we did most of our meetings and announcements/progress.

Jeffrey FG- My contributions to the group are mainly in the administrative sense. I as team lead initially organized the team into groups and assigned people into those group based on their interest and skills. After that I worked on organizing the documentation and making sure that everyone contributed in some way to the different milestones. We did not have any team conflicts so I did not need to intervene in any way. Overall my job was pleasant as I had such responsible team mates. My individual contribution to the team came in small pieces of code and pages. I helped develop the admin panel and the messaging system for the website. The admin panel tested my abilities when I came to using sql and I needed help from Jeffrey F. Since then I have also implemented the chat feature where people can send emails to each other using our interface. As for the raw numbers I made 27 commits to the repo, which included mostly merging the other two main branches into master. I also managed the AWS that we took advantage of. This included EC2, SES and their database storing. My work was made possible by my group mates.

Jeffrey Friedrich-

My contributions to the group surrounded the database as well as a few other sections throughout the semester. The biggest piece I did was understand and create the database using mysql. This was a process that took a decent amount of time up front but I was fortunate to have Kris to help me with it and Eddy who imparted a lot of knowledge in the subject. The team as a whole provided a lot of input at the beginning to really help flesh out both what we wanted to store in the database but also how we wanted to store things to make later parts of the project much easier. I also contributed to various milestone sections, including the QA section for milestone 4 and any of the sections related to the database (M1.3, M2.3,), including creating an ER diagram for the database. I also would help others when they needed help with the database, such as working with Jeff on aspects of the admin panel that pulled or changed data from the database. I made 7 commits, mostly towards the beginning, because most of the work I

did was on the database through mysql or on design docs or via helping someone else with their code.

Kris Byington -In the beginning of the semester my contributions were mainly in the conceptual and administrative. While most of the suggestions and directions that I pushed for did not make it into the website I feel that I helped keep the ideas flowing. I also tried to ask as many contrasting questions as possible so that we could define hard edges on the product. In terms of deliverables I handled the personas and use cases section of milestone 1. In milestone 2 I identified and defined our risks. In Milestone 4 I created and performed the usability tests which included creating a strategy for measuring qualitative data about our website. I did this by defining the tasks needed to be completed by users, which equipment they would use and the likert scale questions they would answer. During the horizontal prototype I created a page for users to edit or delete their own profiles. This involved creating a handlebars compatible HTML page and validating user input in the browser as well as sending data to the back end. For the final product I completed linking this page up to the backend and the database.

Jeffrey Friedrich
Re: Section 8 milestone 5
To: Jeffrey Charles Fulmer Gardner, Adele Meng Zhen Wu, Jose A Quinteros, Eddy Yun, Kristopher Byington

Inbox - SFSU 15:48

Details

My contributions to the group surrounded the database as well as a few other sections throughout the semester. The biggest piece I did was understand and create the database using mysql. This was a process that took a decent amount of time up front but I was fortunate to have kris to help me with it and eddy who imparted a lot of knowledge in the subject. The team as a whole provided a lot of input at the beginning to really help flesh out both what we wanted to store in the database but also how we wanted to store things to make later parts of the project much easier. I also contributed to various milestone sections, including the QA section for milestone 4 and any of the sections related to the database (M1.3, M2.3,), including creating an ER diagram for the database. I also would help others when they needed help with the database, such as working with Jeff on aspects of the admin panel that pulled or changed data from the database. I made 7 commits, mostly towards the beginning, because most of the work I did was on the database through mysql or on design docs or via helping someone else with their code.

From: Jeffrey Charles Fulmer Gardner <jfulmergardner@mail.sfsu.edu>
Sent: Tuesday, December 7, 2021 15:09
To: Adele Meng Zhen Wu <awu16@mail.sfsu.edu>
Cc: Jose A Quinteros <jquinteros@mail.sfsu.edu>; Eddy Yun <eyun1@mail.sfsu.edu>; Kristopher Byington <kbyington@mail.sfsu.edu>; Jeffrey Friedrich <jfriedrich@mail.sfsu.edu>
Subject: Re: Section 8 milestone 5

My contributions to the group are many in the administrative sense. As team lead initially organized the team into groups and assigned people into those group based on their interest and skills. After that I worked on organizing the documentation and making sure that every one contributed in some way to the different milestones. We did not have any team conflicts so I am I did not need to intervene in any way. Over all my job was pleasant as I had such a responsible team mates. My individual contribution to the team came in small pieces of code and pages. I helped develop the admin panel and the messaging system for the website. The admin panel tested my abilities when I came to using sql and I needed help from Jeffrey F. Since then I have also implemented the chat feature where people can send emails to each other using our interface. As for the raw numbers I made 27 commits to the repo, which included mostly merging the other two main branches into master. I also managed the AWS that we took advantage of. This included EC2, SES and their database storing. My work was made possible from my group mates.

On Nov 30, 2021, at 23:02, Adele Meng Zhen Wu <awu16@mail.sfsu.edu> wrote:

Hi Team,

Here are my...

Milestone Contributions:

- MS0: Developed the About Us page. Developed Adele's About Me page
- MS1: Created the use case: Looking for someone to split cost (Madi). Conducted competitive analysis with SpareRoom, PadMapper, and RoomGo formally, as well as Roomster and Roommates
- MS2: Created UI mockups and storyboards for all major use cases
- MS4: Wrote up product summary

Technical Contributions:

- Frontend for: Navigation Bar, Footer, Landing Page, Browse Room Page, Browse Roommates Page, Sign Up Page, Login Page, Search/Filter Panel, Room Profile, Roommate Profile, Admin Portal, scalability/mobile view

Adele Wu
Student at San Francisco State University
Computer Science
awu16@mail.sfsu.edu
<https://www.linkedin.com/in/adele-wu/>

#2

33 commits 395,164 ++ 191,214 --

Aug 22 Sep 12 Oct 03 Oct 24 Nov 14

10

5

0

On Nov 30, 2021, at 10:12 PM, Jose A Quinteros <jquinteros@mail.sfsu.edu> wrote:

My role on the team 5 project was Front-End/Document Master and some of the contributions included some modifications on the front end side of the application and also I was assigned the role of document master. In that role, I was responsible to oversee all the milestones documentation and make sure all parts of the milestone's requirements were completed on time and that no parts were missing. I also discussed with the team about the final presentation and we agreed that I would be presenting the project, so I am also in charge of displaying the final demo of the project. I believe I made about 5 submissions to the dev branch. As for the emails, most of our communication took place over our private Discord channel where we did most of our meetings and announcements/progress.

On Nov 30, 2021, at 10:08 PM, Eddy Yun <eyun1@mail.sfsu.edu> wrote:

From the start of the semester, I kept up with all the meetings and contributed my thoughts and approaches to the team members of my group. I asked to given the role of the Back End Lead and here is the comprehensive list of contributions of the implementations:

- Wire Frame
- Database Design (working with Jeffrey Friedrich and Kris Byington)
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- Filter and Search (Users, not Post)
- Creation of handlebar files (.hbs) to link with the routes.

Currently, I have 43 commits in our repo's Contributors tab under Insights. All in all, it was fun.

From: Kristopher Byington <kbyington@mail.sfsu.edu>
Sent: Tuesday, November 30, 2021 9:24 PM
To: Jeffrey Christian Fulmer Gardner <jfulmergardner@mail.sfsu.edu>
Cc: Adele Meng Zhen Wu <awu16@mail.sfsu.edu>; Eddy Yun <eyun1@mail.sfsu.edu>; Jeffrey Friedrich <jfriedrich@mail.sfsu.edu>; Jose A Quinteros <jquinteros@mail.sfsu.edu>
Subject: Section 8 milestone 5

In the beginning of the semester my contributions were mainly in the conceptual and administrative. While most of the suggestions and directions that I pushed for did not make it into the website I feel that I helped keep the ideas flowing. I also tried to ask as many contrasting questions as possible so that we could define hard edges on the product. In terms of deliverables I handled the personas and use cases section of milestone 1. In milestone 2 I identified and defined our risks. In Milestone 4 I created and performed the usability tests which included creating a strategy for measuring qualitative data about our website. I did this by defining the tasks needed to be completed by users, which equipment they would use and the likert scale questions they would answer. During the horizontal prototype I created a page for users to edit or delete their own profiles. This involved creating a handlebars compatible HTML page and validating user input in the browser as well as sending data to the back end. For the final produce I completed linking this page up to the backend and the database.

9) Post analysis – lessons learned

As the team lead of group 5 I have to say how proud I am of my group as a whole and also each member's individual contribution. While each member did not contribute all in the same way I never felt like we had a flat tire on our six-wheel developing machine. With all that said I need to talk about my failures as an organizer and things that I feel I need to work on.

I think early on I did not do a good enough job in dividing the work amongst my teammates and relied heavily on specific individuals, while this worked, I don't think that I will work for every project of every group that I take charge of. This comes down to the bad distribution of work and the overestimation of

what different parts of the project would take. What made this problem worse was my lack of enforcing jurisdiction for the different parts of the project.

I think the second area that I needed to improve on is the delivery of my action items. Besides the responsibilities as the team lead, I needed to develop some key pieces of code for the overall software, and I found it hard to get those problems solved on time. I think every student and programmers deal with deadlines but as the team lead it fell on to me to set the deadlines for different parts of the project, when I failed to finish my own action items it puts forth a bad precedent for my fellow students, furthermore if this was in the workplace it could create a conflict of interest. If I were to discipline my subordinate for not following through on their deadlines and not myself get disciplined for not finishing on time as well this is the definition of preferential treatment. If I also did enforce this disciplinary action onto my subordinate regardless of my own shortcomings this would make my team lose respect for me and think my treatment unfair. This did not happen while working with my group but because of my role in my group it has given me insight of what might happen in the future.

I think that this reflection was very important because it makes me see what I need to work on to be a good team leader

Document Master Feedback: My take on the performance of our Team Leader is that there was no better person to fulfill this role. Our team leader was always on top of all the assignments and he always fought for the team's work when there were irregularities on the milestone's feedback from our instructor. He always kept a professional yet friendly attitude towards each of the team members assignments. He was always very supportive and approachable in case that something was not working with the team. He kept constant communication with all team members and he scheduled meetings accordingly in order to move forward with the project. I truly believe that the skills our team leader has shown over the course of this project will be key to his future career and I am positive that he has what it takes to lead a software developing team as well as any other administrative role. I take pride in the work of our fearless team leader, as much as I am proud of team 5 as a whole.