



Navigo

Sprint / Deliverable : 4
CS 692 - Computer Science Project 2
Professor: Henry Wong

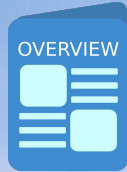
Group 1:

- **Indira** Priyadarshini (is13658n@pace.edu)
- Kartik (kk96691n@pace.edu)
- Sumit (sm12210n@pace.edu)
- Pranav (pk73658n@pace.edu)
- Bharath (sv90693n@pace.edu)
- Rahul (rs15193n@pace.edu)



Agenda

1. Project Overview



2. Project Schedule



3. Design Architecture



3. Sprint Recap



5. Test Case



6. Retrospective



7. Conclusions

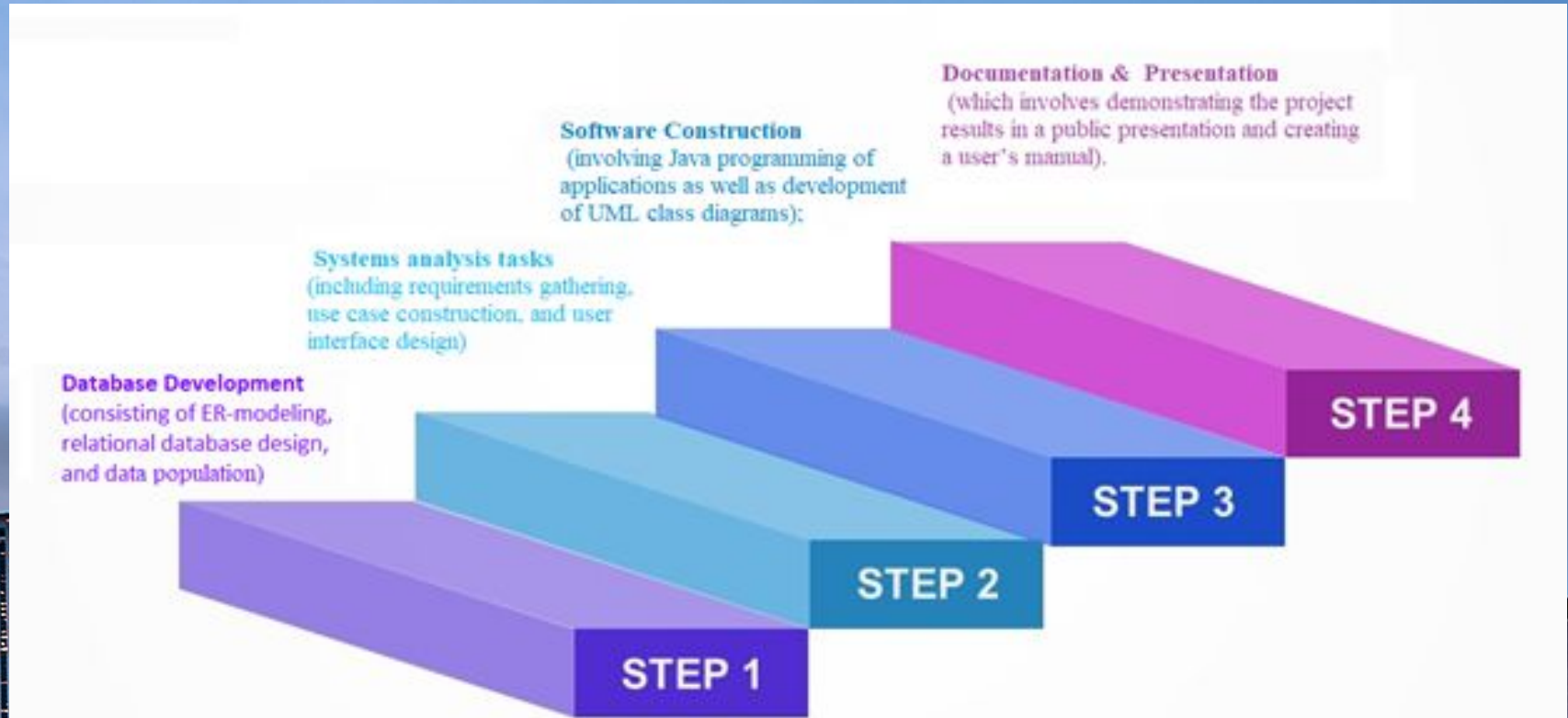


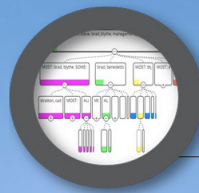
8. Project Demo





Project Schedule





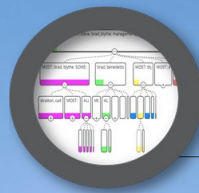
Overview

Overview of CS 691(Project1):

For CS691, We started off by brainstorming ideas with different project ideas and plans. Our team decided on the project during Sprint 1 of CS 691. We then began the Project Development by designing and implementing the plan. By Sprint 3, we designed a prototype web application. Our MVP for Sprint 4 consisted of a functional web application which allows users to sign up with their unique login/password credentials, login, and also contacting Navigo Team.

- Brainstorming project ideas
- Project Planning
- Designing & Implement the plan
- Designing a prototype
- Programming (front end coding, core functionality implementation, etc)
- Testing
- Delivering the MVP





overview

Overview of CS 692(Project2):

For CS 692, We designed and implemented the chatbot functionality to our application which improves user engagement and assists users. A search bar was also implemented along with another round of complete testing of our application. We then decided to launch a NavigoMerch Store which is created for the purpose of raising money for the further development of our application.

- Designing and implementing the Chatbot to our application.
- Testing our application
- New features/updates to our application. (Searchbar, Store)
- Finishing our MVP.
- Deliver the final draft.





Sprint 4 Updates/Overview

Sprint 4:

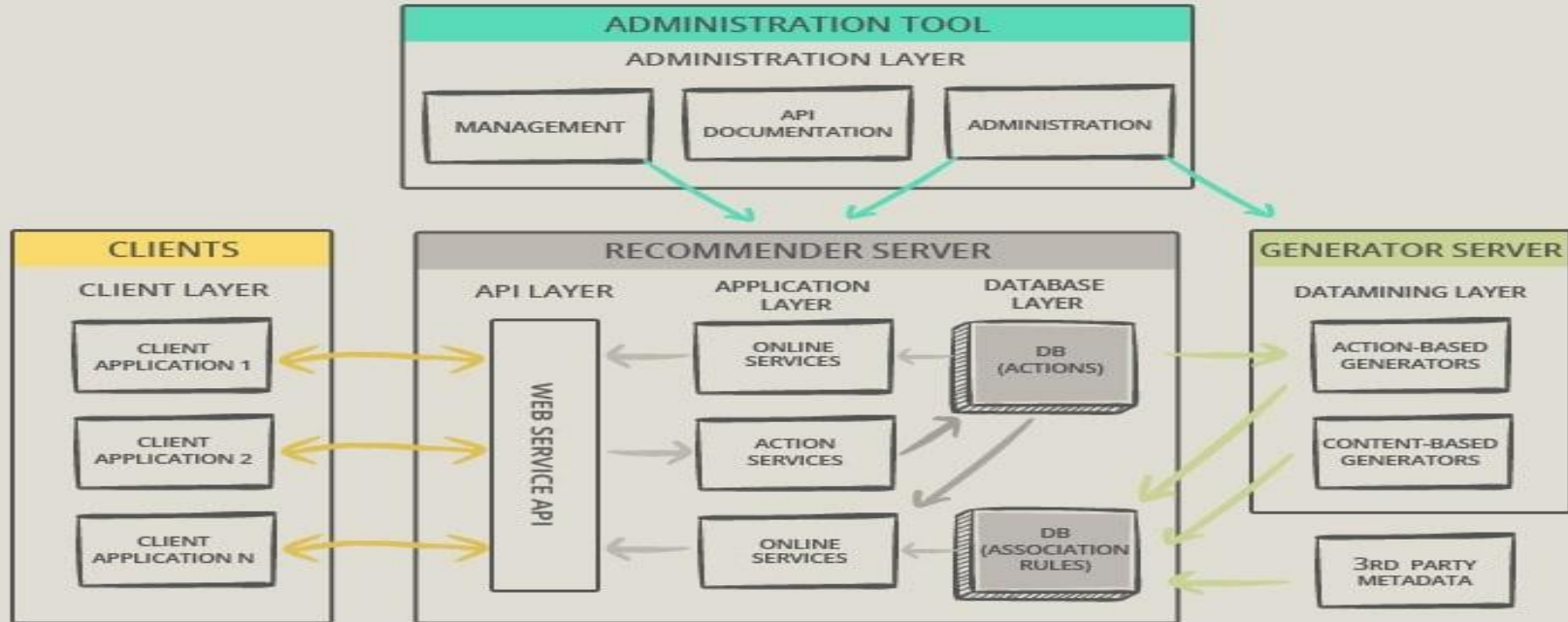
We created an official merchandise store which has a wide variety of official Navigo merchandise products. Through this store, the end user can shop and order physical or digital products. A brief list of features we have implemented for our Navigomerc store are given below.

- Sign up/Login using gmail/email
- Add/Remove items from Cart
- Order products (Physical products, Digital Products)
- Subscription to the newsletter form
- Designing & Implement the merch store
- User/Admin Account Management (Payment, Addresses, Orders, etc)
- FAQ Page (Shipping and returns policy, Payment)
- Connecting official instagram page of Navigo Merch
- Other updates to Navigo





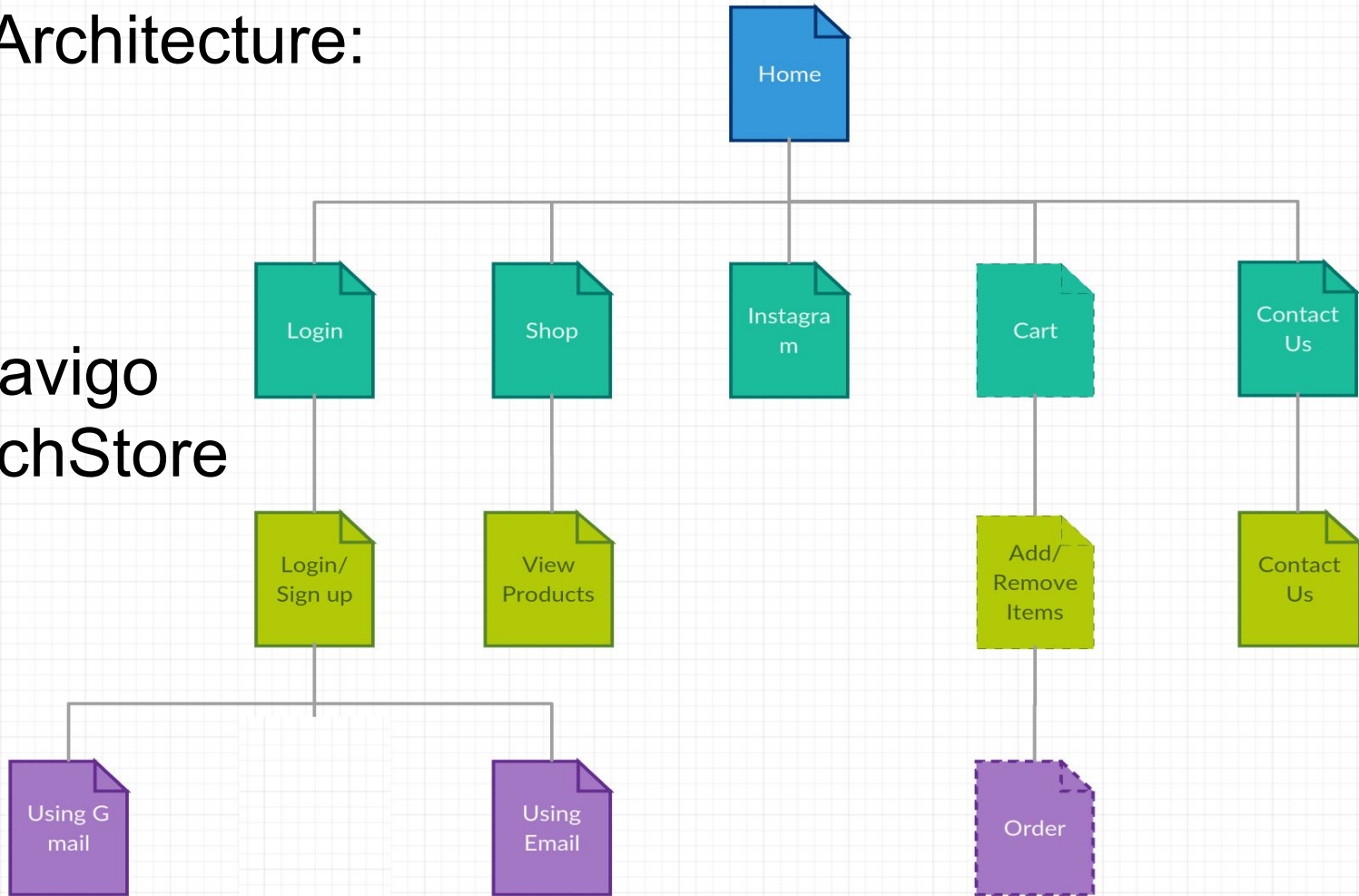
WEB APPLICATION ARCHITECTURE DIAGRAM





Architecture:

Navigo MerchStore





Product Backlog

1. Navigo4u.com End to end web application with Signup/login/registration pages with database of NY locations.
2. Clone location names to respective websites and add google maps for user directions, check if busy hours and idle hours can be detected as per the integrated websites.
3. Make web application frame feasible for both web and mobile application.
4. User should be able to get notification as per news alerts.
5. User should be able to request information through Chatbot.





Product Backlog

1. Navigo4u.com should provide both text and voice recording option for location detection in NY.
2. Navigo4u.com should give different transport traveling options to reach particular location.
3. Navigo4u.com should be able to raise money for merchandise website to maintain navigo4u.com free website.
4. Add advertising page for Navigomerc website from nagi4u.com.
5. Mobile application should be able to recognize the location (pattern recognition)
6. Navigo4u.com must be able to switch between selected languages like English, French, Spanish, Hindi, Etc., as per the New York travelers/visitors percentage.





Sprint Recap

1. Navigo4u.com application data base has pace university in search bar.
2. Completed Navigomerc website: <https://www.navigomerc.store/>
3. Integrate Navigomerc to Navigo Web or provide in advertisement page.
4. Create group Github page.
5. Clone Github navigo4u.com and <https://www.navigomerc.store/> to Jira Bitbucket.
6. Team members has shared opinions of What went well, what needs go well, and action items of quick retrospective
7. Team has thoroughly coordinated for bug fixing for both the Navigo4u and Navigo Merch web applications through Jira, updated the code, and review the updates.





Test Cases

Content	Test Scenario	Testing Result	Priority	Tester	Worklog
Jira Bitbucket	Database repositories from Github needs to update in Bitbucket	PASS	High	Priya	2hr
Home - Menu (Navigo & NavigoMerch)	Home,About Us,Contact ,Login/Sign Up ,Search, Shop, Instagram, FAQ, New Collection	PASS	High	Pranav	5hr
Login updates in Database	Login updates needs to captured in Database	PASS	Medium	Pranav	2 hr
Signup updates in Database	Signup updates needs to captured in Database	PASS	High	Pranav	2 hr





Test Cases

Content	Test Scenario	Testing Result	Priority	Tester	Worklog
Email Verification updates in Database	Verification Email with a activation key	PASS	Medium	Pranav	2hr
Login, Post Login	Check with Username ,Email ,Password ,Login ,Register	PASS	High	Pranav	2hr
Chatbot	Home - Chatbot ,offline ,online ,start chat ,end button	PASS	Highest	Pranav	5hr
Navigo Merch Store	Subscription form, Store updates, Products, Add to Cart.	PASS	Highest	Pranav	5hr



Test Cases

Content	Test Scenario	Testing Result	Priority	Tester	Worklog
Home Page	Home page, Logo, Home, About Us	Pass	High	Rahul	2 hr
Home Menu	About Us - Drop Down-Our Team, Our Services, Contact, Search, Location Map	Pass	High	Rahul	2 hr
Contact	Contact form - name, email,email, your message, subject, Button - send	Pass	Medium	Rahul	3hr





Test Cases

Content	Test Scenario	Testing Result	Priority	Tester	Worklog
Register	Checking with Passwords (More than 8 characters, Weak, Very Weak, Repeat, Invalid email, Invalid user ID)	Pass	High	Rahul	2hr
Post Login	Login, Button - Navigo4u.com, Button - Register	Pass	Medium	Rahul	1hr





Post Login - User Dashboard

Content	Test Scenario	Testing Result	Priority	Tester	Worklog
Home	Home,About Us,Contact ,Login/Sign Up ,Search	Pass	High	Pranav	1hr
Our Services	Services of our webpage and Team details	Pass	High	Pranav	1hr
Contact Us	Contact details with an option to leave us a message	Pass	High	Pranav	1hr



Post Login - User Dashboard

Content	Test Scenario	Testing Result	Priority	Tester	Worklog
Search	It shows you the address and contact details of the place you have searched for	Pass	High	Pranav	1hr
Profile	You can edit your credentials(Username ,password & email Id)	Pass	High	Pranav	1hr
Logout	Logs you out from your account	Pass	High	Pranav	1hr



PERSONA



Name: John Hutchiki
Age: 26
Occupation: Engineer
Status: single
Hobbies: Basketball

I would like to use the official merch store of the navigo application to shop variety of products that are provided by the store. I would like to have my own account by signing up for the store, use their services to browse products, maintain my personal info, Payments, Addresses, track the orders placed and orders history. I would like to edit the number of orders that I'd like to place from the shopping cart. If I come across any doubts regarding the store usage, I would like to use the contact page for immediate help as well as the FAQ help center that is available on the store to check all the answers available to the listed queries.



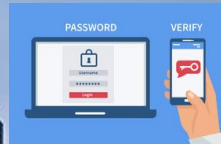
Retrospective

What went well	Votes
Change management of Navigo Merch was quick and changes are done as per request	6
Team communication and collaboration	6
Updating with JIRA with regular updates	6
Team work went very well	6
Better planning for team meetings	5
• We were able to complete individual tasks on time.	5
Helping teammates	5
Followed up with each team member on their given tasks.	4
Assigning tasks through jira	4
What can be improved	Votes
Time Limitation due to different remote locations.	6
Better communication needed due to different timezone	5
Action Items	Votes
Everything Done well.	6



Future Scope

1. Implementing AI Driven Chatbot
2. Search bar with Voice recognition feature
3. Availability of more New York location in Search bar
4. Make the Web application responsive
5. Deploy Mobile applications for Android and IOS
6. Introducing Data Mining techniques with Data visualization, and Image recognition
7. Add multi factor Authentication





Preview: Navigo Home Page

[Home](#)[About us](#) ▼[Contact](#)[Login/Signup](#) ▼

Navigo

Easy. Convenient.

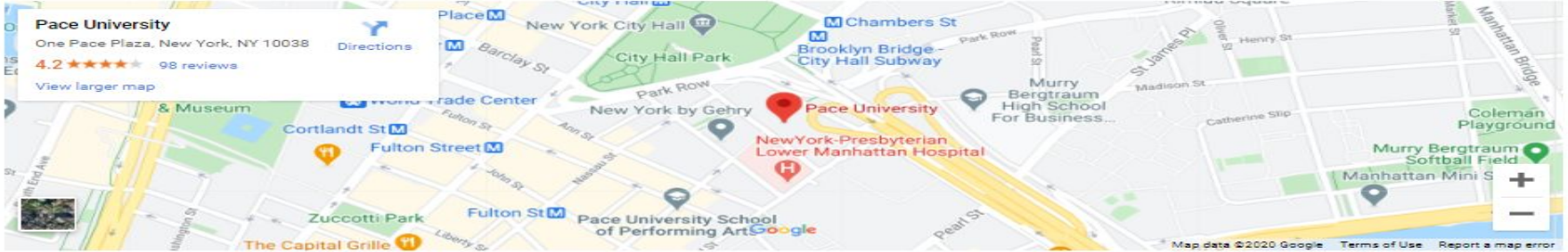
[Get Started](#) ▼



Preview: Contact Form



[Home](#) [About us](#) [Contact](#) [Login/Signup](#)



E-mail: sm12210n@pace.edu
Contact : +1 (201) 201 2012
Address: One Pace Plaza, New York, NY 10038



Your Name (required)

Your Email (required)

Subject

Your Message

SEND



Preview: Registration and Login page

• Username*

• First Name

• Last Name

• E-mail*

• Password*

Minimum length of 8 characters.

The password must have a minimum strength of MediumStrength indicator

• Repeat Password*

• Confirm you are not a robot*



I'm not a robot



reCAPTCHA
Privacy - Terms

REGISTER



Go Back

Login →

Username or Email

Password

Confirm you are not a robot



I'm not a robot



reCAPTCHA
Privacy - Terms



Remember Me

LOG IN



Home



Register



Preview: User Dashboard



[Home](#)

[Our Services](#)

[Contact Us](#)



Welcome to Navigo,

What are you looking for today??





Preview: User Edit Profile and Logout

• Username*

sunil

Logout??

• First Name

sunil

• Last Name

kumar

• E-mail*

sunil02111992@gmail.com

• Password*

Minimum length of 8 characters.

The password must have a minimum strength of MediumStrength indicator

Go back?

• Repeat Password*

•

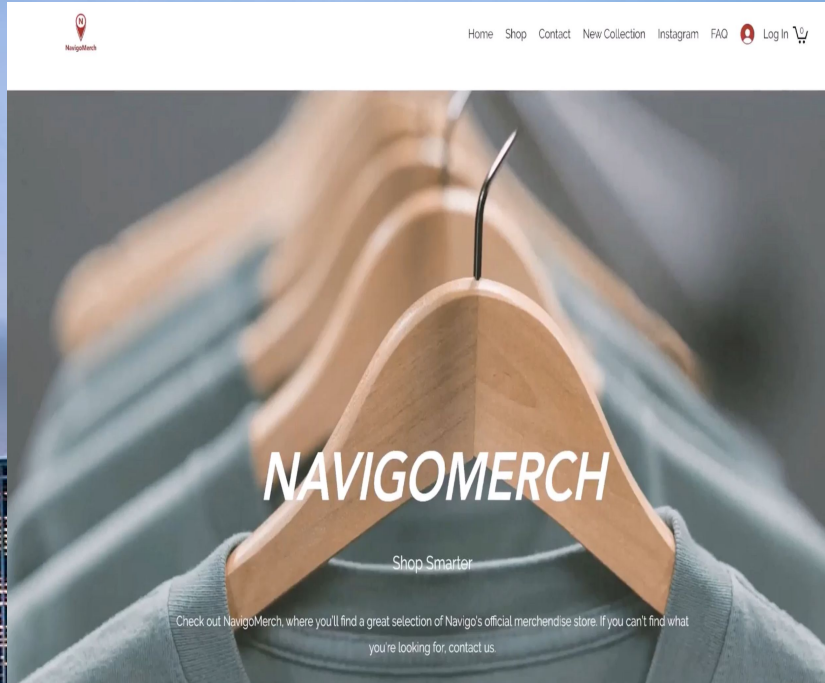
UPDATE



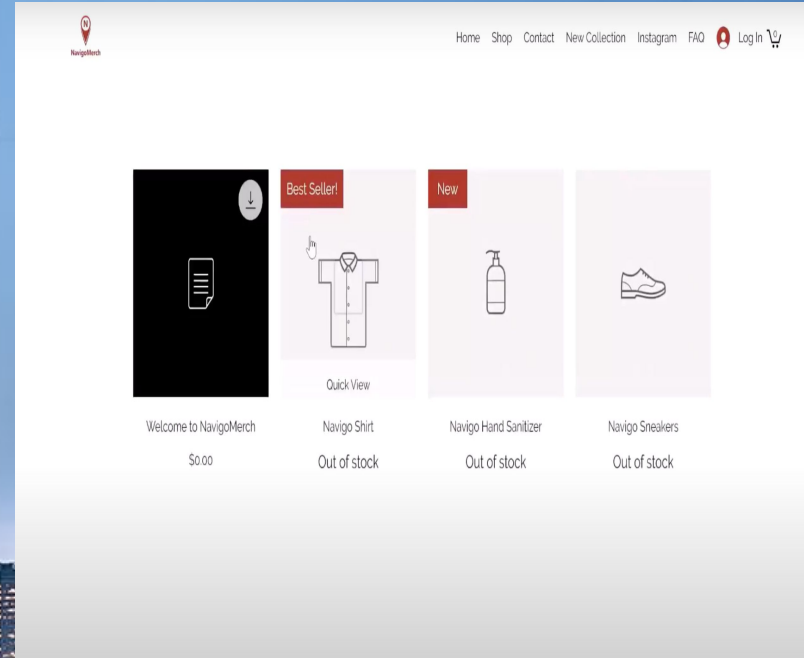


Preview

Store Main Menu:



Shop:





Preview

Contact Us (Store):

CONTACT US

Name

Email

Subject

Type your message here...

Submit

Map

Satellite

Town Square

Powerhouse

Lower

SoHo

Hudson Exchange

Marsha P. Johnson

McCarren Park

East Village

Greenwich Village

West Village

Chelsea

Midtown

Upper East Side

Upper West Side

Manhattan

Queens

Brooklyn

Manhattan

Queens

Brooklyn

User's Cart:

Home

Shop

Contact

New Collection

>

Cart

Welcome to NavigoMerch

\$0.00

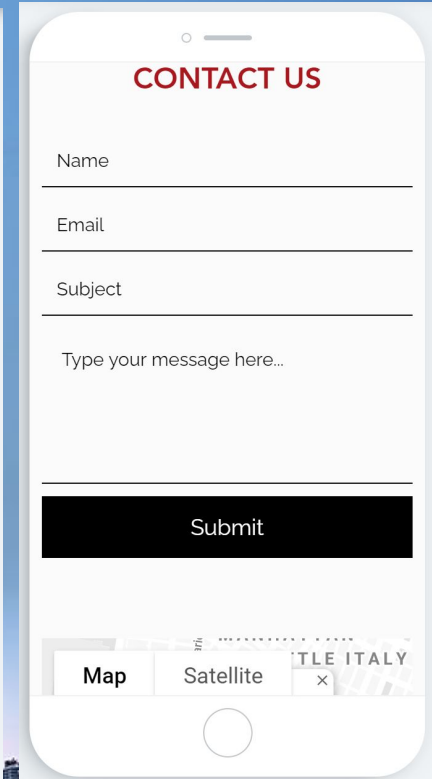
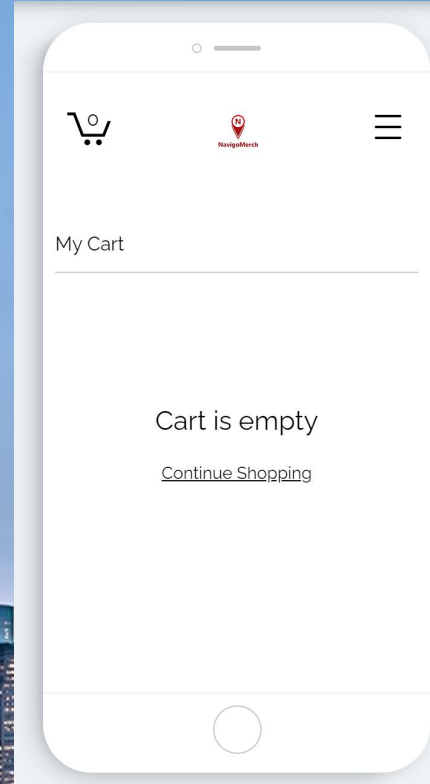
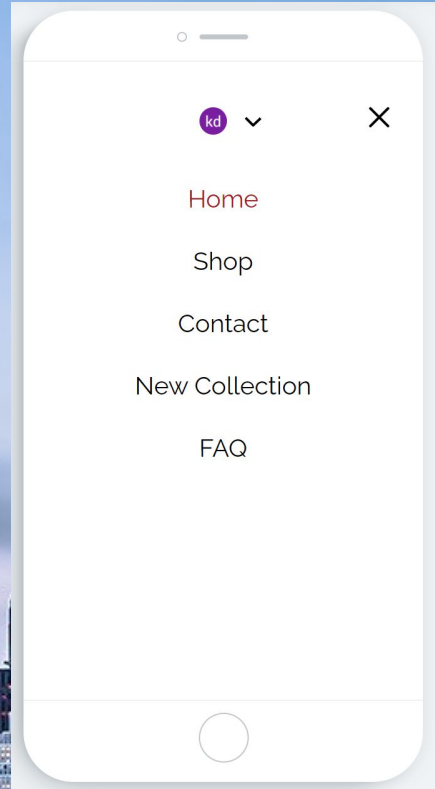
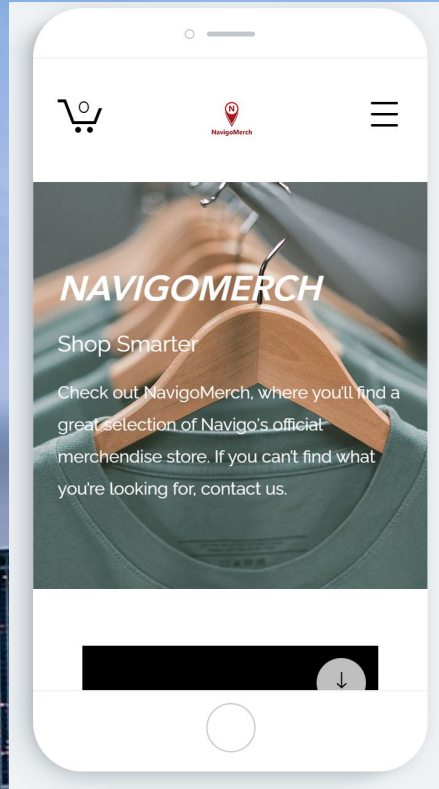
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View Cart

NavigoMerch with Mobile Application View





Our Team



Bharath



Karthik



Pranav



Priya



Rahul



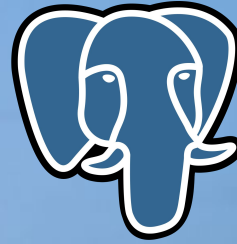
Sunil





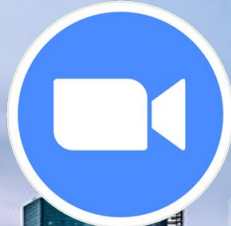
Technologies

Front/Back End Technologies:



MySQL®

bluehost





Github & Jira (Wiki, Instruction Manuals, Repositories)

Team Wiki : <https://github.com/CS691-001/Project-1/wiki>

Repositories : <https://github.com/CS691-001/Project-1>

Jira : <https://navigo4u.atlassian.net>





Thank you

