

Sprint 1 Deliverable :

CS 692 - Computer
Science Project 2

Prof. Henry Wong

Group 1:

- Priya (is13658n@pace.edu)
- Kartik (kk96691n@pace.edu)
- Sunil (sm12210n@pace.edu)
- Pranav (pk73658n@pace.edu)
- Bharath (sv90693n@pace.edu)
- Rahul (rs15193n@pace.edu)



Introduction to Navigo

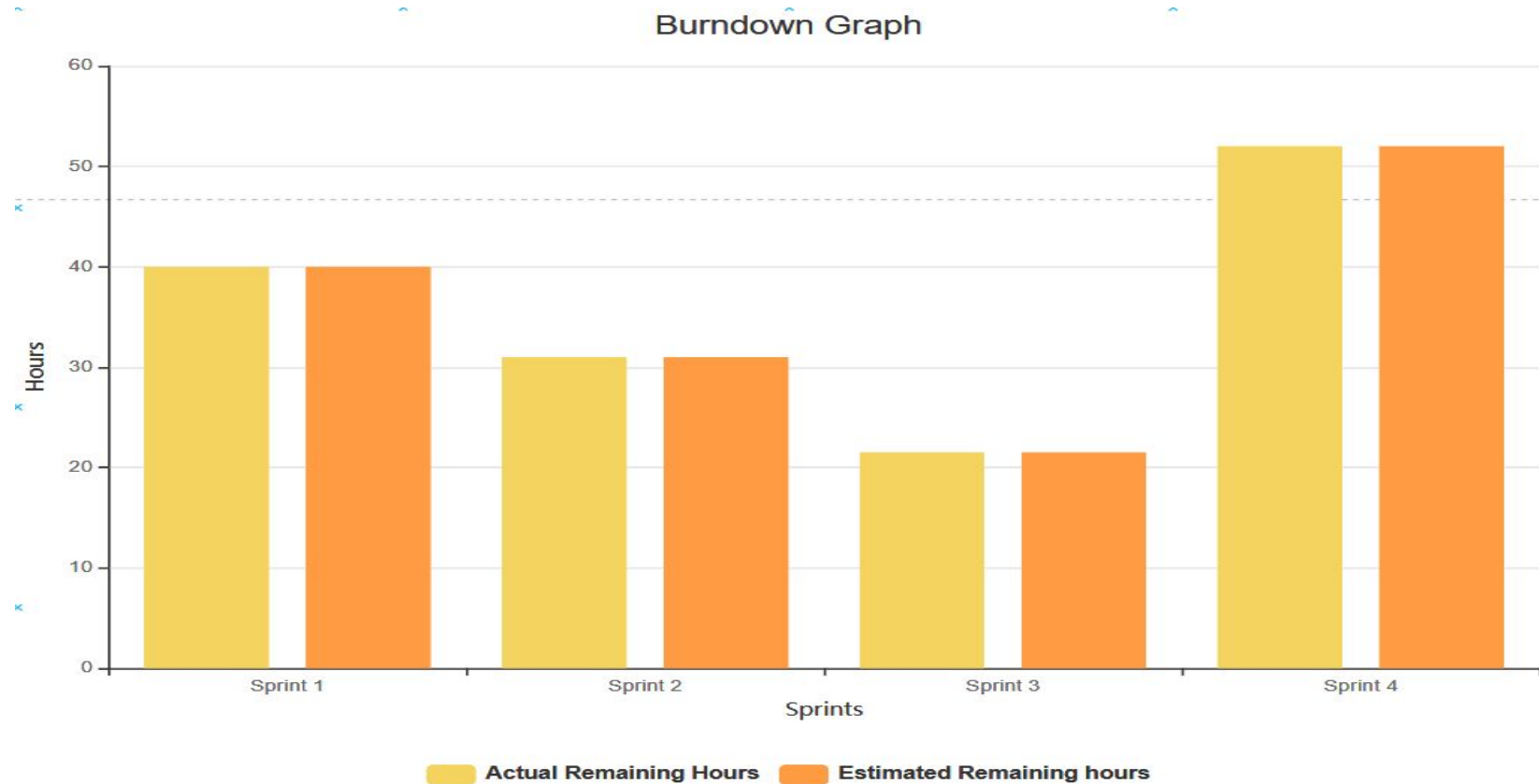
- ❑ Navigo is a navigation based web application which helps the end users in navigation based on the user's image input.
- ❑ In order to use our Navigo services, the end user must be a subscriber (registered) user. The user can first get started by creating an account in our website.
- ❑ The user also receives details/information such as address details, travel duration, office hours, redirecting to website, etc.
- ❑ The user can register for Navigo's services by signing up/creating a new account in our website. The user then logs in with his ID/password credentials and start using our service. The registered user can input an image for scanning for navigation.





BURNDOWN

Burndown Graph





Chatbot

A chatbot is a computer program that simulates human conversation through voice commands or text chats or both. Chatbot, short for chatterbot, is an Artificial Intelligence (AI) feature that can be embedded and used through any major messaging applications. There are a number of synonyms for chatbot, including "talkbot," "bot," "IM bot," "interactive agent" or "artificial conversation entity." As consumers continue to move away from traditional forms of communication, chat-based communication methods are expected to rise. Chatbot-based virtual assistants are increasingly used to handle simple tasks, questions & queries.





Usage

Chatbot in Use:

A chatbot is an automated program that interacts with customers like a human would and cost little to nothing to engage with. Chatbots attend to customers at all times of the day and week and are not limited by time or a physical location. This makes its implementation appealing to a lot of businesses that may not have the manpower or financial resources to keep employees working around the clock. For example: Mobile bank has chat bot which provide required information in chat like account balances, account transfer, or bill payment." If the customer responds with "credit card balance," the bot would not understand the request and would proceed to either repeat the command or transfer the caller to a human assistant.





Functionality

How Chatbots Function:

A chatbot that functions through machine learning has an artificial neural network inspired by the neural nodes of the human brain. The bot is programmed to self-learn as it is introduced to new dialogues and words. In effect, as a chatbot receives new voice or textual dialogues, the number of inquiries that it can reply and the accuracy of each response it gives increases natural language processing (NLP) engine. Chatbots built for structured conversations are highly scripted, which simplifies programming but restricts the kinds of things that the users can ask.





Purpose of chatbot

Chatbots have the potential to enhance the customer experience by:

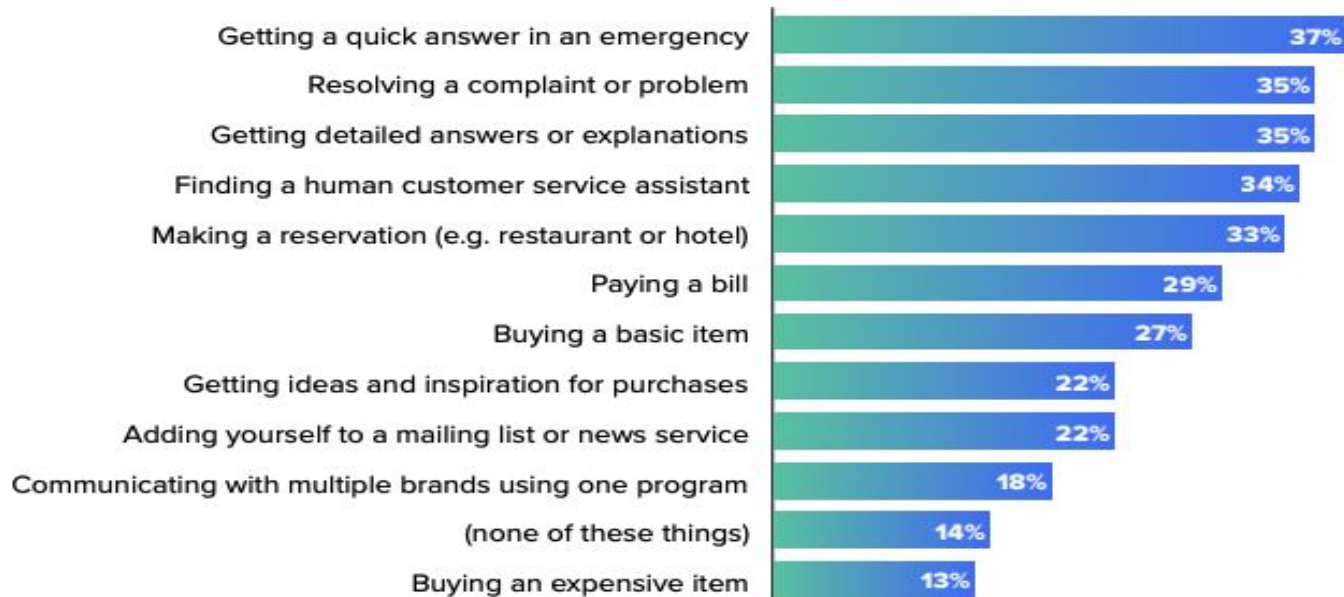
- Reducing customer waiting time and providing immediate answers instead calling customer care number.
- Providing customers with 24/7 customer support and improving the redirection of customer queries;
- Advancing brand personality by adding customized elements to the chatbot; and
- Simplifying User experience.





Predicted Use Cases for Chatbots

What do you predict you would use a chatbot for?





Test Cases

Content	Test Scenario	Testing Result	Priority	Tester	Worklog
Home Page	Home Page ,Logo ,Start here	PASS	Medium	Sunil	1hr
Home - Menu	Home,About Us,Contact ,Login/Sign Up ,Search	PASS	Medium	Rahul	1hr
Contact	Location Map ,Contact form - Name,Email,subject,your message	PASS	Medium	Karthik	2hr
Login/Signup	Login/Signup ,Register ,Login	PASS	High	sunil	1hr





Test Cases

Content	Test Scenario	Testing Result	Priority	Tester	Worklog
Register	Check with Username ,First Name,Last Name ,Email ,Check - Password ,Username ,email	PASS	Medium	Pranav	1hr
	registration look and feel https://navigo4u.com	FAIL	High	Pranav	2hr
Post -Registration	Register,Button - navigo4u.com ,Login	PASS	Low	Karthik	1hr





Test Cases

Content	Test Scenario	Testing Result	Priority	Tester	Worklog
Email Verification	Verification mail with a activation key	PASS	Medium	Bharat	1hr
Login	Check with Username ,Email ,Password ,Login ,Register	PASS	High	Karthik	1hr
Post - Login	Login, Button - navigo4u.com ,Register	PASS	High	Karthik	1hr
Chatbot	Home - Chatbot ,offline ,online ,start chat ,end button	PASS	Highest	Karthik	5hr



Strengths

Visitors
Growth
Value
Visibility
Technology

Weaknesses

Monetization & **Conversions**
Engagement
Social
Search Traffic
Geography

SWOT Analysis

Threats

Social
Competing sites
Engagement

Opportunities

Traffic
Monetization
NY location Search

Persona



DANIEL, AGE 28

Event Manager, New York
Traveler

" I want to find locations
with address and
calendar in website, so I
Used Navigo for personal
location calendar "



ALEX, AGE 68

Retired, New York Resident
" I want to keep **Busy**
hours tracking of location
to avoid crowd. I used
Navigo for Busy Hours
Alert "



MAYNARD, AGE 16

Student, NY
Hobbies: Sports & Music
" I want **all sports and**
Music concerts events
updates in New York. I
have started using
Navigo for updates"



Product Backlog	User Story	Acceptance Criteria
Webpage search feature	As a Navigo user, I want to be able to search on the webpage So that I can find necessary information.	User searches for an item by Location then “Location” page shows me the list of all locations and the system shows the “Search” section in the right top corner of the screen, When I fill in the “Search” field with the name of existing item in the product list and click either “Apply” button or press the Enter key. Search Results section will show the number of search results in the top of the Search Results section”



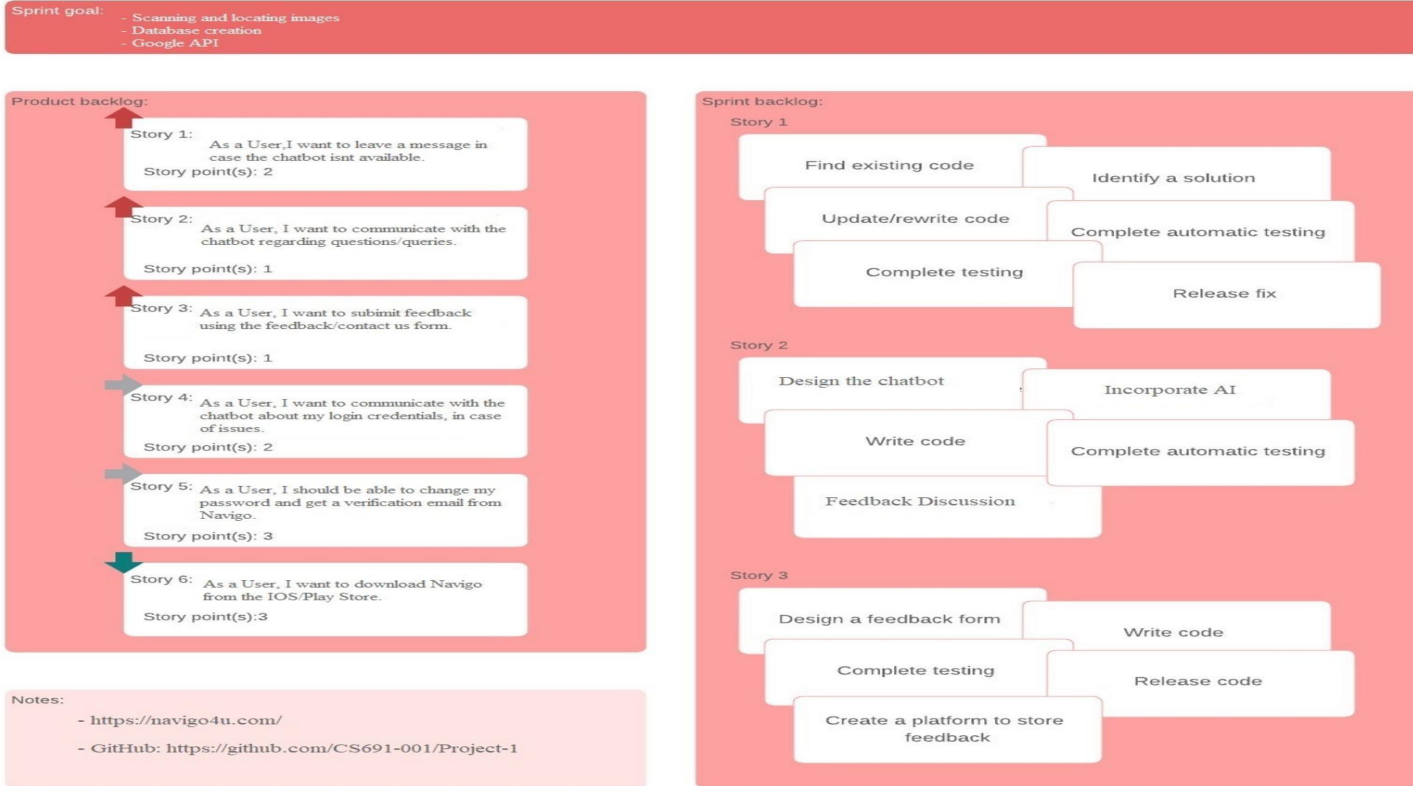


Product Backlog	User Story	Acceptance Criteria
Chatbot Feature	As a User, I want to seek help of Navigo4u.com features in the website with the help of chatbot option.	User needs to type required information in chat bot at the right corner of the website, and then agent will respond as per the questions, otherwise user will be notified wait time and to be online for agent response.





Sprint-Backlog



Team Retro

What went well

- We are all on the same page with the work being done. ✓
- We are updating the GitHub with Project2 Sprint1. ✓
- Integrated Git repositories with Jira.
- We frequently try to communicate to discuss about the project sprint and the advancements. ✓
- We were able to successfully finish the weekly work Sprint1 schedule. ✓
- We as a team, have planned to keep it an objective to finish and produce what was expected (Sprint1) ✓



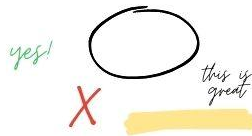
What didn't go well

- Bridging the gap between Teammates in two countries (India and USA).
- Every team member must follow meeting minutes.



Action Items

- We should test the running status of our software by entering different parameters.
- Updating Sprint1 Documents in GitHub and Jira.
- Data base table creations as per the locations.
- Needs to fix epics of receiving error report through email after the program crash down.
- Testers(all teammates) needs to verify website thoroughly every alternative day.





MVP (MINIMUM VIABLE PRODUCT)



User Interface

 Delightful

Registration and Login

 Reliable

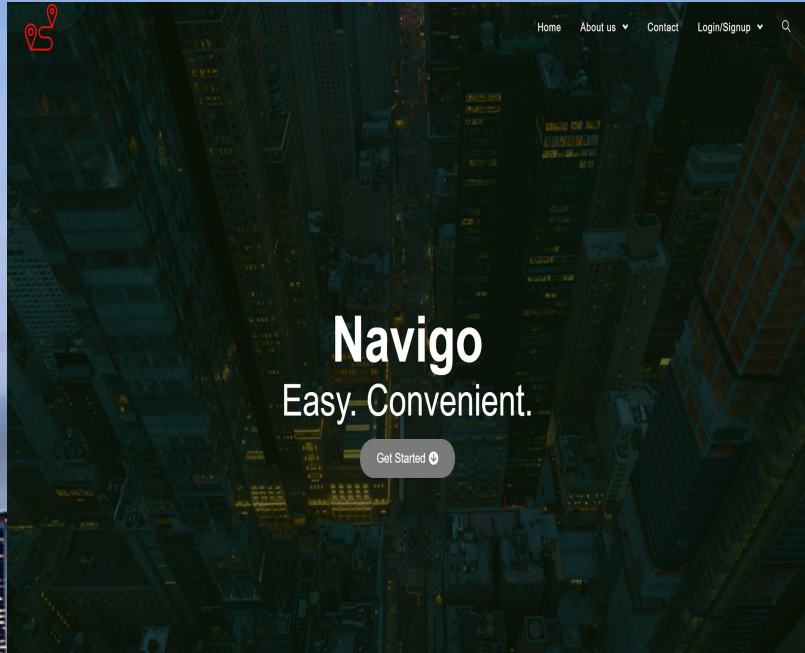
Chatbot and Database

 Functional



Navigo Preview

Landing/home page



Chat

Questions?

Leave a message

Name

Required Field

Email

Required Field

Phone


Please leave a message and we'll get back to you as soon as possible.

Send message




Navigo Preview

Contact us



Map data ©2020 Terms of Use

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

Register and login



• Username*

• First Name

• Last Name

• E-mail*

• Password*

Minimum length of 8 characters.
The password must have a minimum strength of Strong Strength Indicator

• Repeat Password*

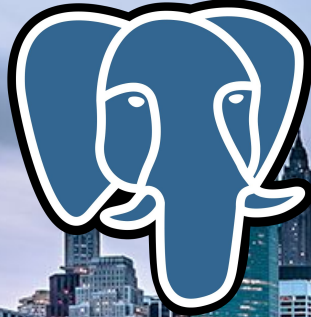
REGISTER

Navigo4u.com Login →



Technologies

Front/Back End Technologies:





Github

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

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

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





Thank you

