

## Test Plan

1. Prerequisite: react, js

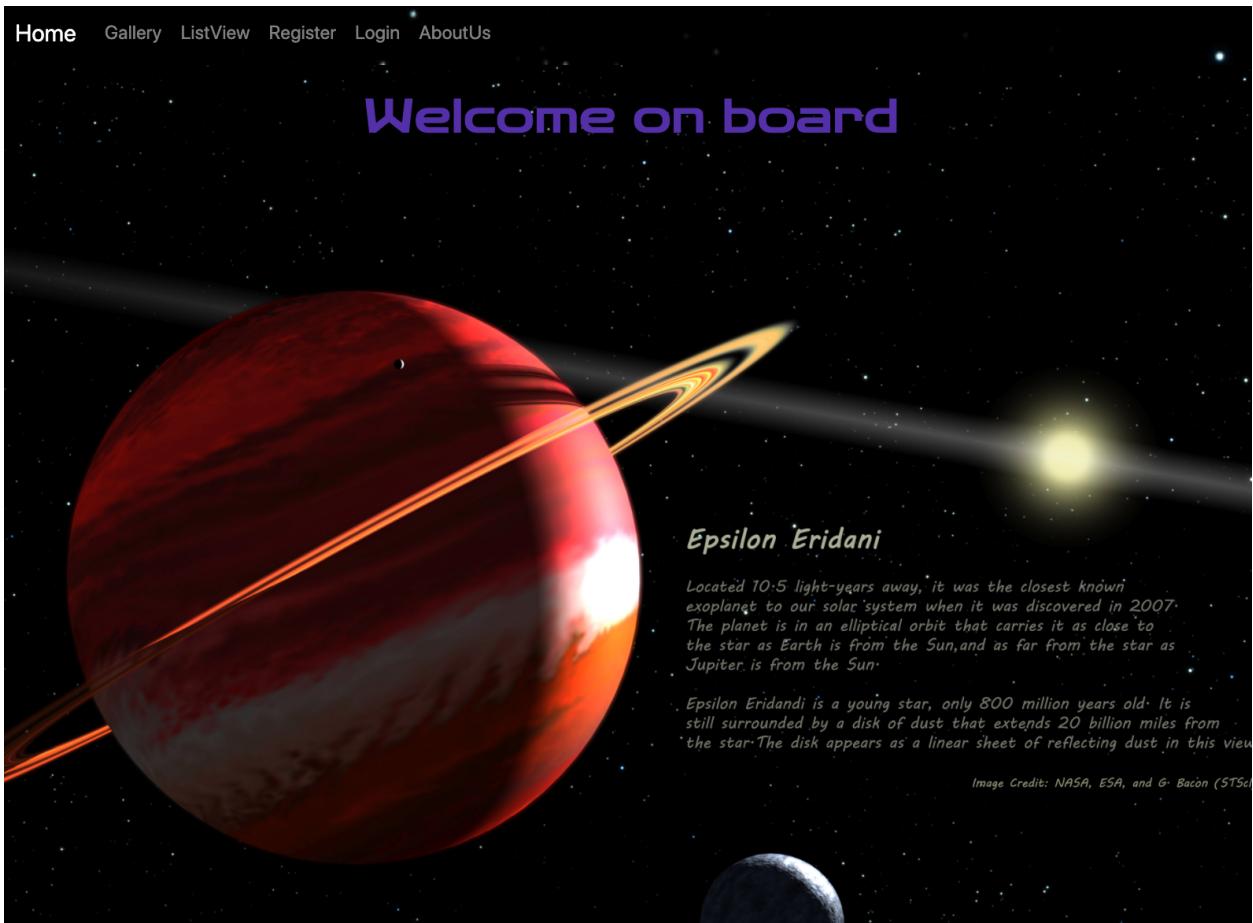
2. Envirment setup and configuration:

- A. software: VS code
- B. operating system: MacOs
- C. hardware: laptop

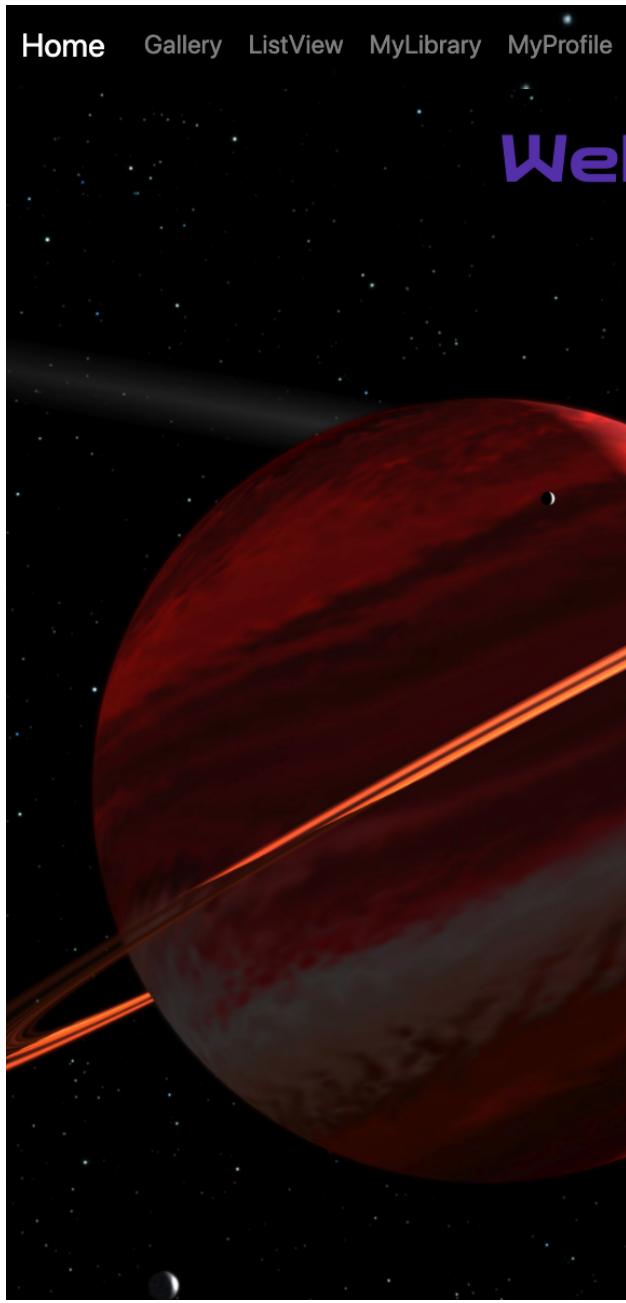
3. Test

#1 hide myprofile and mylibrary if user not login

I should see screen like below

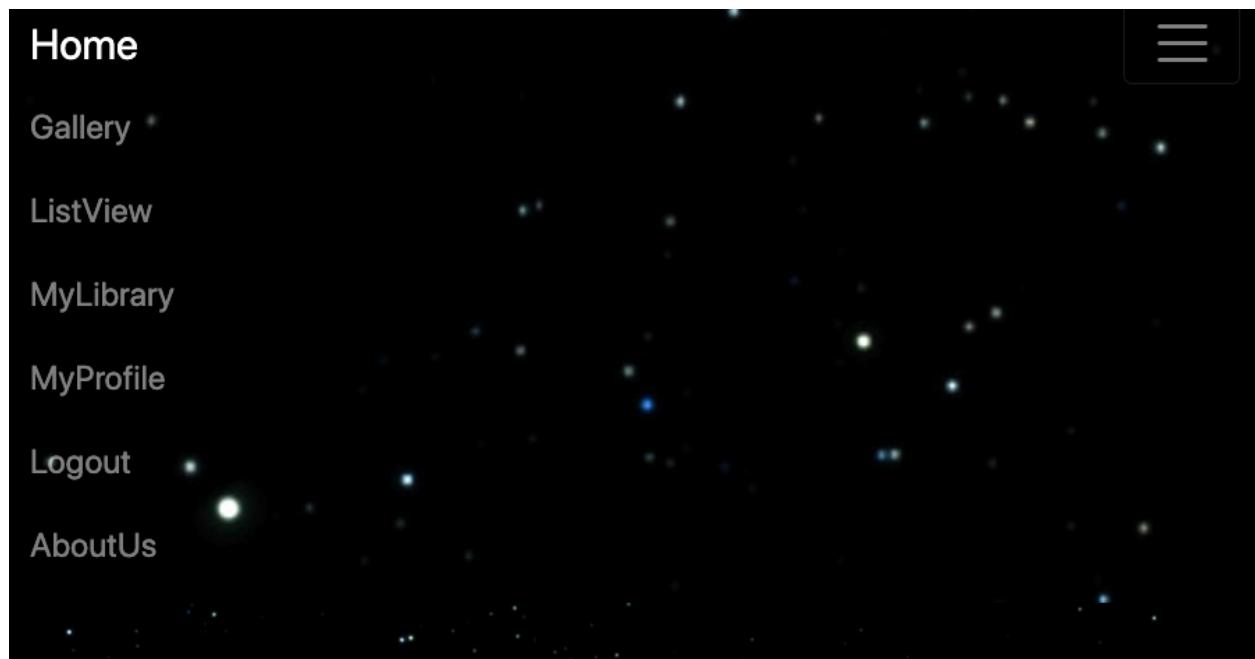


#2 show myprofile and mylibrary if user login



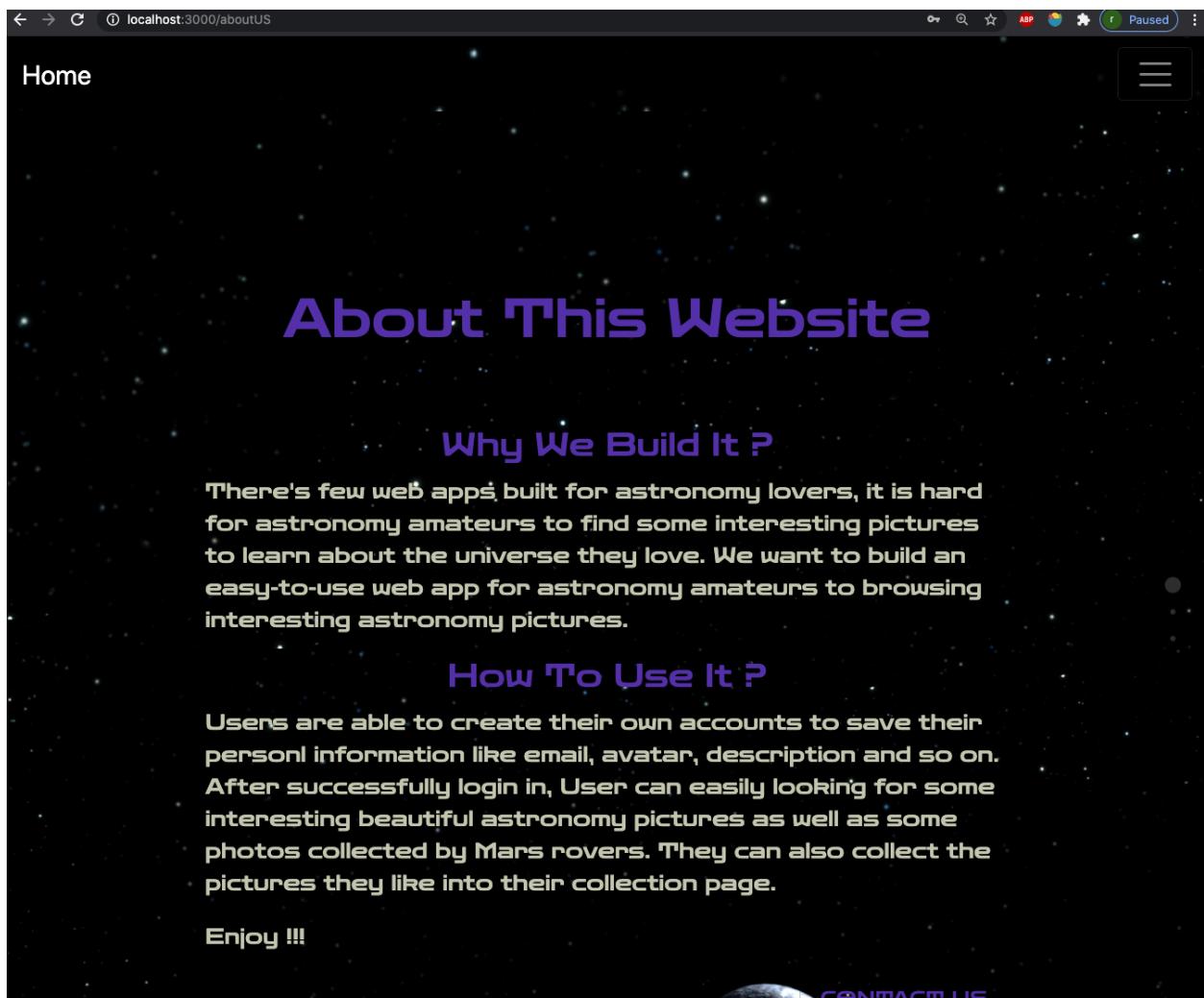
Home    Gallery    ListView    MyProfile    MyLibrary    Test

#3 show logout if user login

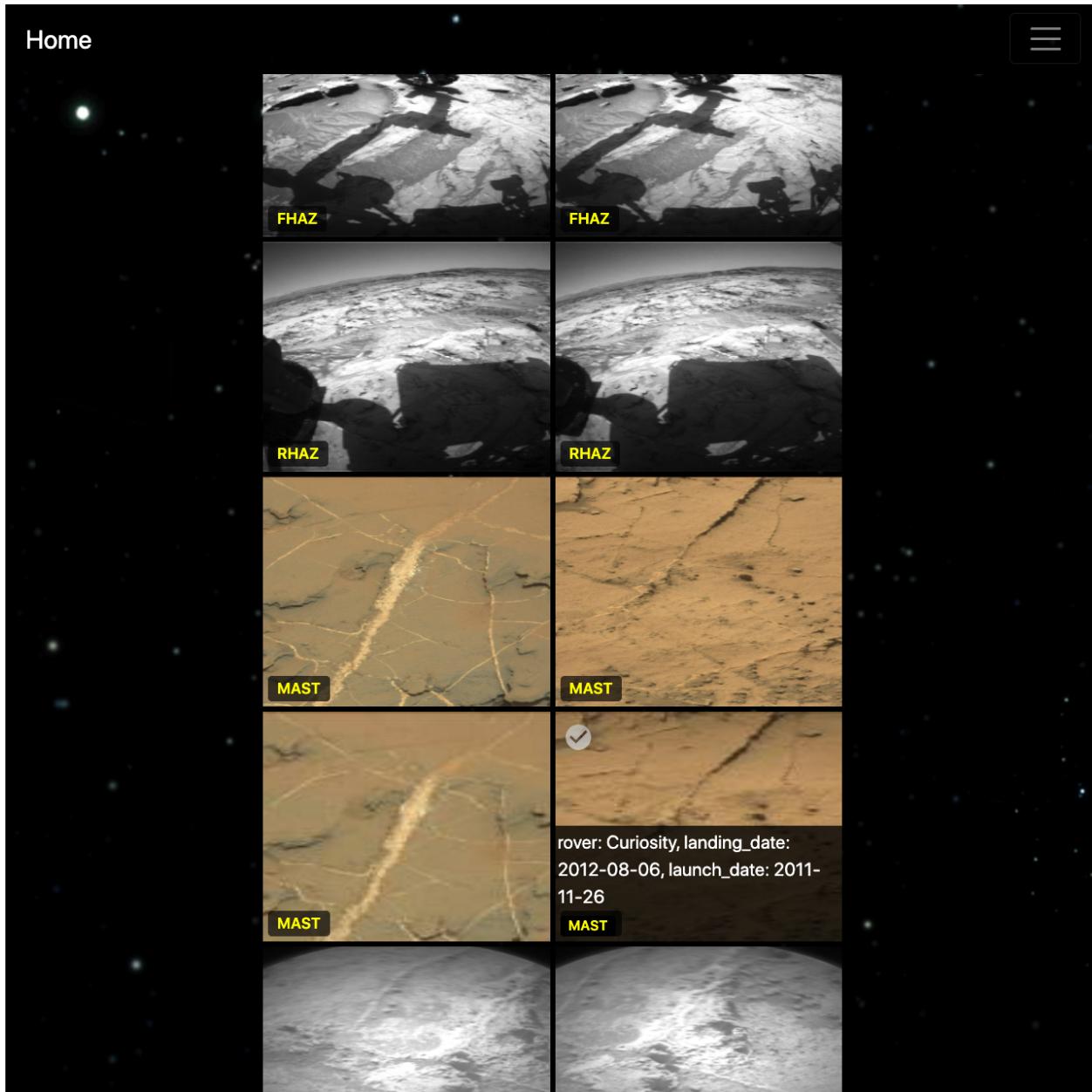


#4 use navigation bar to navigate to about us page

the about us page should show up like below



#5 Navbar should stick to top when user scroll down



#6 first section of about us page should be About this website like below

The screenshot shows a dark background with a starry space theme. At the top, there is a navigation bar with links: Home, Gallery, ListView, MyLibrary, MyProfile, Logout, and AboutUs. Below the navigation bar, the main content area has a large title 'About This Website' in bold black font. Underneath the title, there are two sections: 'Why We Build It ?' and 'How To Use It ?'. The 'Why We Build It ?' section contains a paragraph explaining the motivation behind the website. The 'How To Use It ?' section contains a paragraph describing the user interface and features. At the bottom right of the content area, there is a link labeled 'CONTACT US'.

Home    Gallery    ListView    MyLibrary    MyProfile    Logout    AboutUs

## About This Website

### Why We Build It ?

There's few web apps built for astronomy lovers, it is hard for astronomy amateurs to find some interesting pictures to learn about the universe they love. We want to build an easy-to-use web app for astronomy amateurs to browsing interesting astronomy pictures.

### How To Use It ?

Users are able to create their own accounts to save their personal information like email, avatar, description and so on. After successfully login in, User can easily looking for some interesting beautiful astronomy pictures as well as some photos collected by Mars rovers. They can also collect the pictures they like into their collection page.

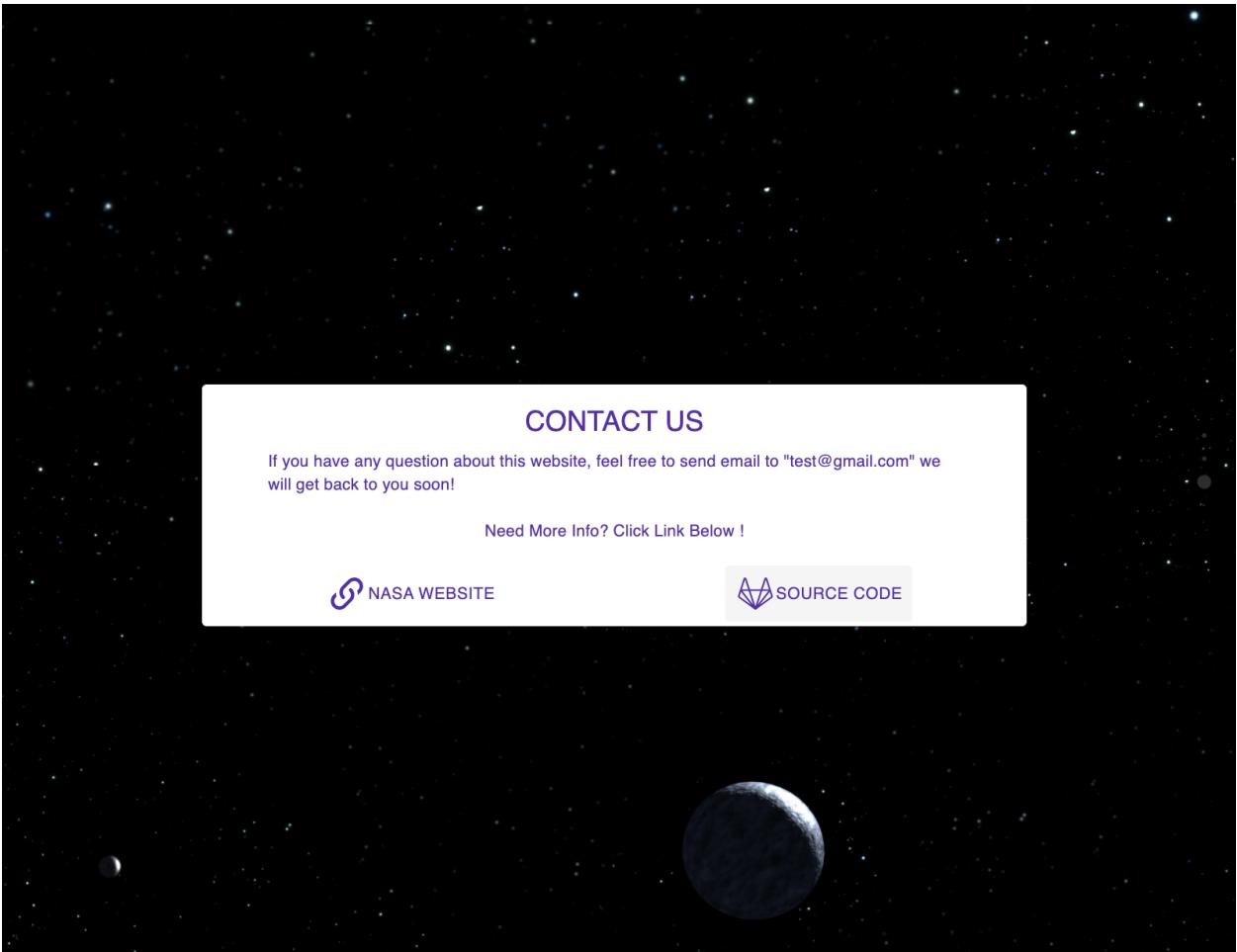
Enjoy !!!

CONTACT US

#7 second section of about us page should be Our Team like below

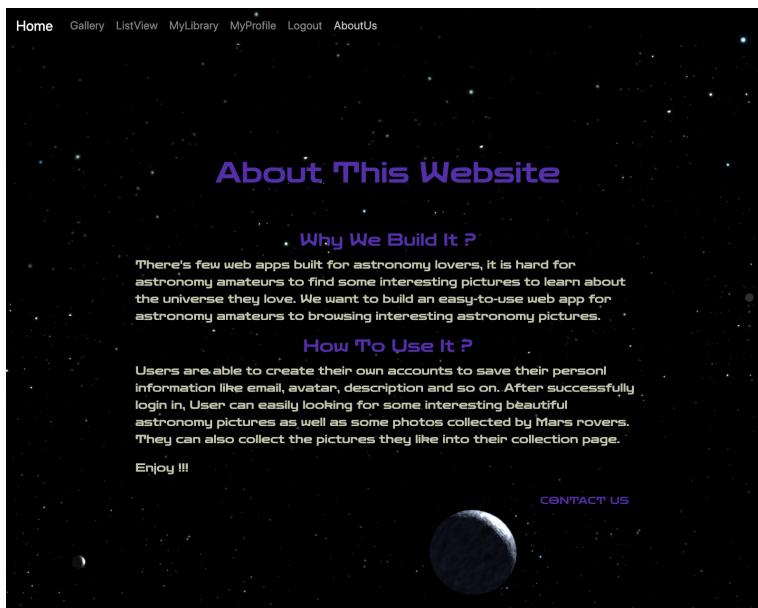
The screenshot shows a mobile application interface with a dark background featuring a starry space theme. At the top, there is a navigation bar with links: Home, Gallery, ListView, MyLibrary, MyProfile, Logout, and AboutUs. Below the navigation bar, the text "OUR TEAM" is displayed in large, bold, white capital letters. Two profile cards are shown side-by-side. The left card is for "Peiyi Chen" and features an image of Pikachu. The right card is for "Rongxin Ni" and features an image of a person wearing a cardboard box with a sad face drawn on it. Both cards include social media icons for LinkedIn and GitHub, and a dropdown arrow at the bottom right.

#8 third section of about us page should be Contact US

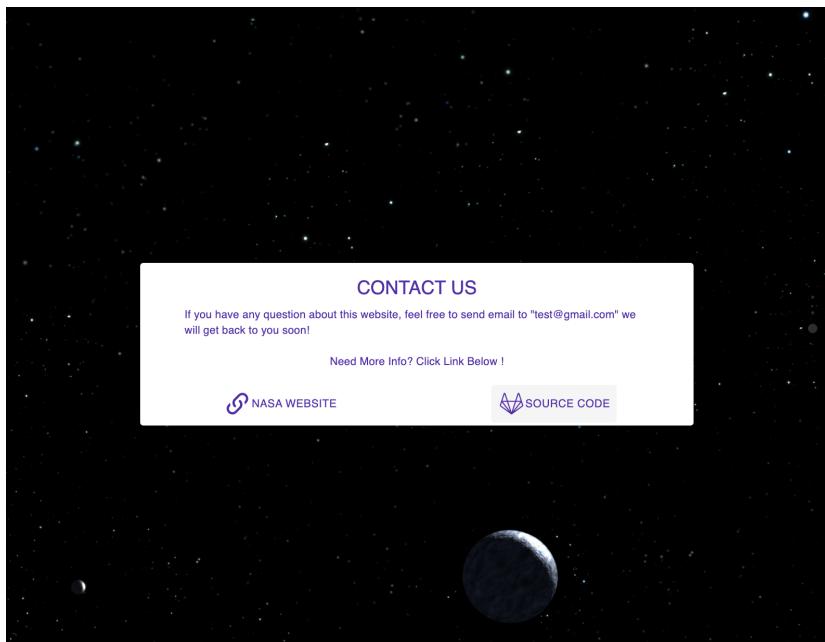


#9 user can jump to contact us section when clicked the about this website's about us button

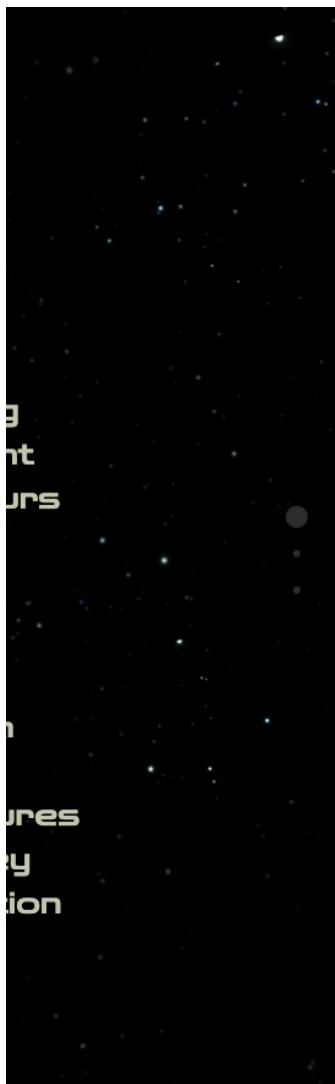
before clicked:



after:



#10 user should be able to use the scroller like below to jump between sections



#11 click the expand button of team card should show introduction about the current team member

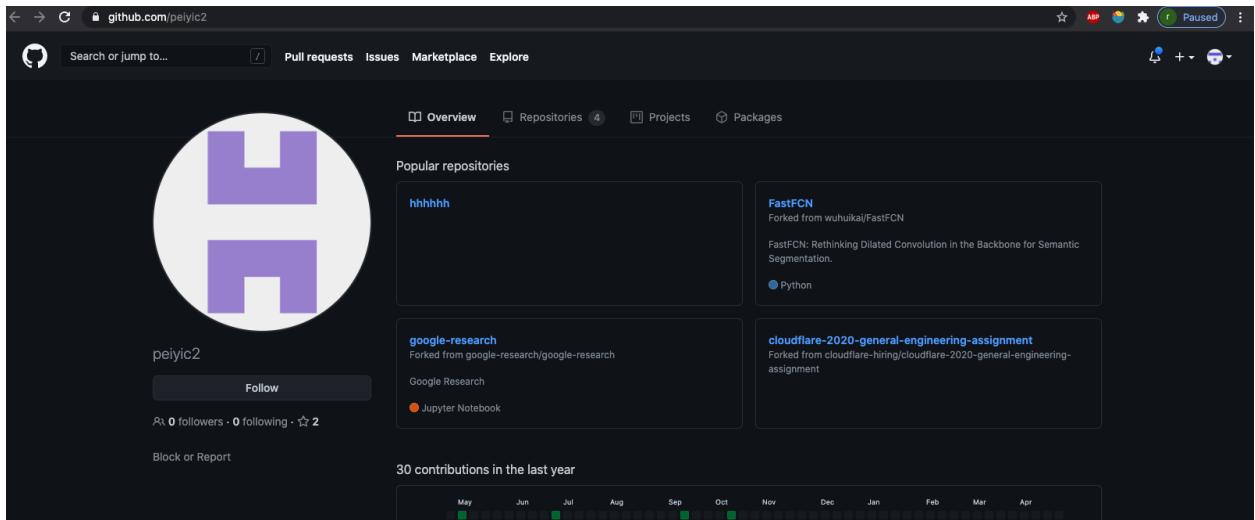
OUR TEAM

Peiyi Chen

Pursuing a Bachelor degree in Computer Science from the University of Illinois at Urbana-Champaign. Passionate about Machine Learning, Computer Vision, Data Science, and Software Development with some courses and projects' experience. Skilled in Python, Javascript, C/C++, Java etc.

Rongxin Ni

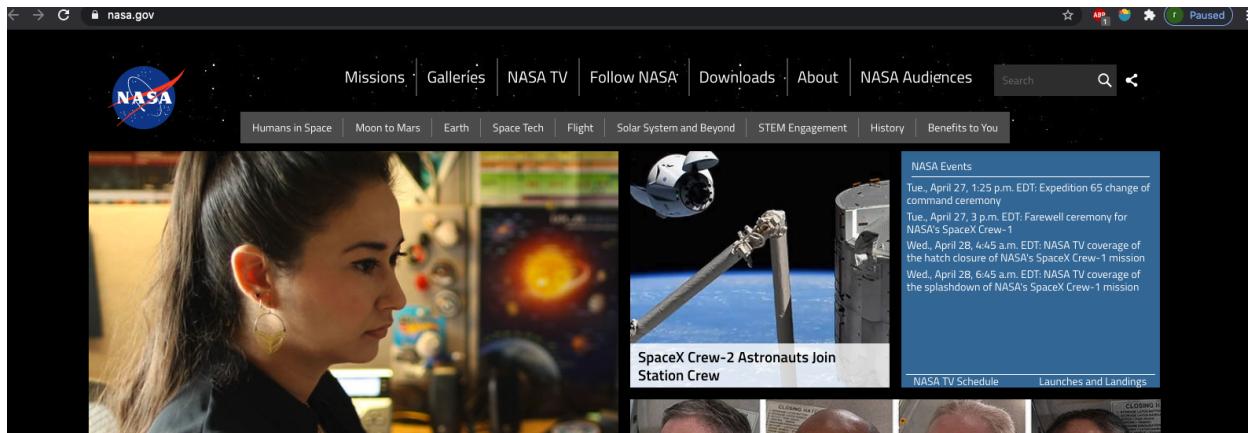
#12 clicked the github icon of the team card should jump to the github webpage like below



#13 clicked the linkedin icon of the team card should jump to the github webpage like below

The screenshot shows a LinkedIn profile page for Rongxin Ni. At the top, there's a navigation bar with icons for Home, My Network, Jobs, Messaging, Notifications (with 4 notifications), Me, Work, and Learning. The URL in the address bar is [linkedin.com/in/rongxin-ni-a817b8187/](https://linkedin.com/in/rongxin-ni-a817b8187/). The main profile area features a large circular placeholder for a profile picture, with a camera icon indicating it's time to upload one. Below this, Rongxin Ni's name is displayed, followed by her title "Incoming Software Engineer Intern at Capital One", location "Greater Chicago Area", and connection count "133 connections". There are buttons for "Open to", "Add profile section", and "More...". To the right of the profile, there are several cards: "Capital One" (with the company logo), "University of Illinois at Urbana-Champaign" (with the university logo), and three promoted ads for "Cybersecurity Scholarship", "Testing In Production?", and "MS Software Development". A callout box on the left encourages users to "Share that you're hiring and attract qualified candidates" with a "Get started" button. On the right, there's a "People also viewed" section showing a profile for "Rachel Zhao".

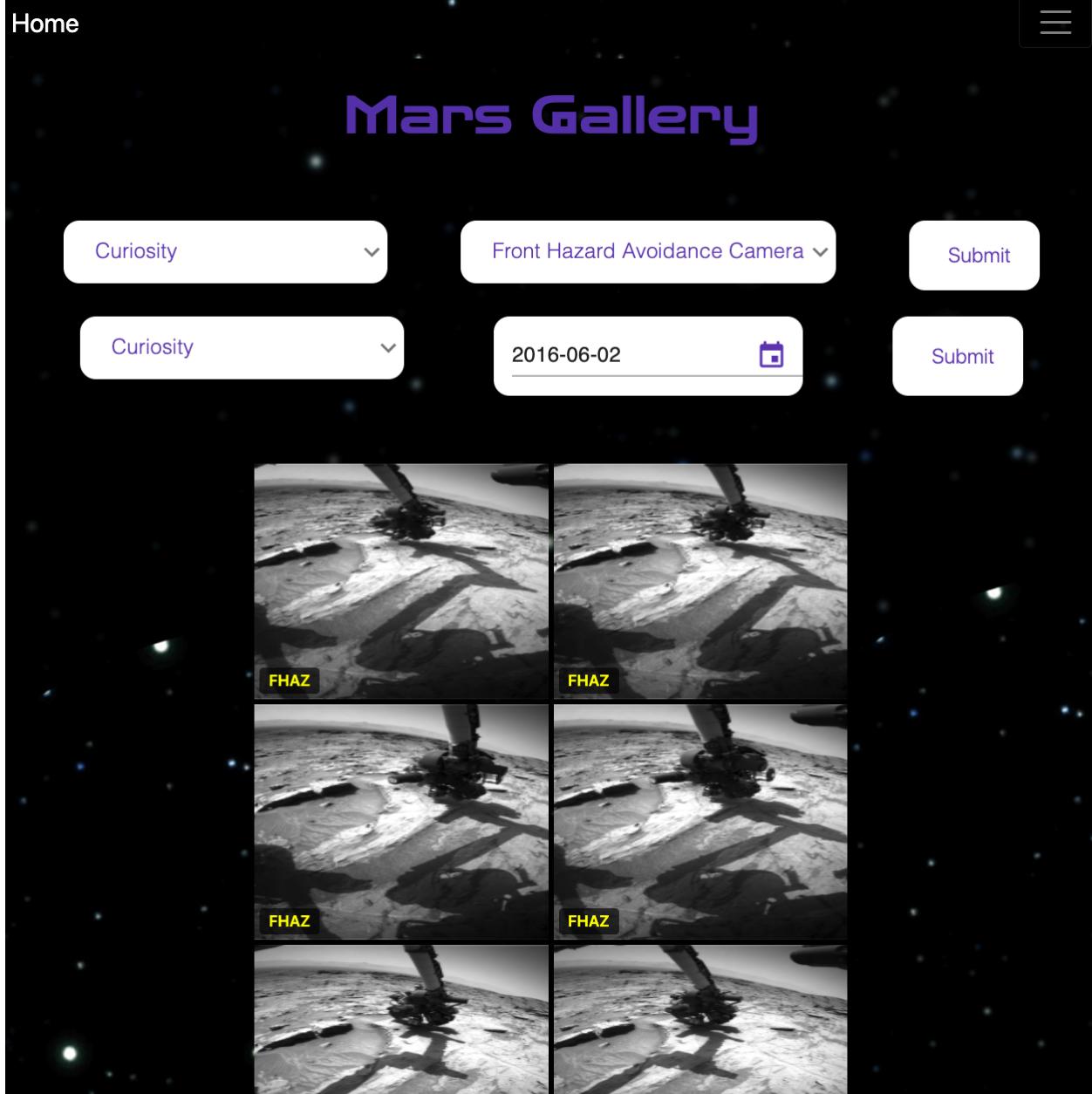
#14 clicked the nasa website icon of contact us section should jump to the official nasa website like below



#15 clicked the source code icon of contact us section should jump to the gitlab of this project source code like below

The screenshot shows a web browser window with the URL `gitlab.engr.illinois.edu/mi4/sp21-cs242-project`. The page is titled "sp21-cs242-project". On the left, there's a sidebar with sections for "Project overview", "Details", "Activity", "Releases", "Repository", and "Issues". A message at the top right says "You won't be able to pull or push repositories via SSH until you add an SSH key to your profile" with buttons for "Add SSH key" and "Don't show again". Below that, another message says "The Auto DevOps pipeline has been enabled and will be used if no alternative CI configuration file is found. Container registry is not enabled on this GitLab instance. Ask an administrator to enable it in order for Auto DevOps to work." with buttons for "Settings" and "More information". At the bottom right, there's a summary: "sp21-cs242-project" (Project ID: 36488), a star icon (0 stars), and a fork icon (0 forks). The browser interface includes a search bar, a tab bar with "Paused", and various system icons.

#16 improved gallery page should page like below



#17 improved home page should page like below

Home    Gallery    ListView    MyLibrary    MyProfile    Logout    AboutUs

## Welcome on board

### Epsilon Eridani

Located 10.5 light-years away, it was the closest known exoplanet to our solar system when it was discovered in 2007. The planet is in an elliptical orbit that carries it as close to the star as Earth is from the Sun, and as far from the star as Jupiter is from the Sun.

Epsilon Eridani is a young star, only 800 million years old. It is still surrounded by a disk of dust that extends 20 billion miles from the star. The disk appears as a linear sheet of reflecting dust in this view.

Image Credit: NASA, ESA, and G. Bacon (STScI)

#18 improved my profile page like below

The screenshot shows a user profile page against a dark background with a starry space theme and a large blue planet. At the top, a navigation bar includes links for Home, Gallery, ListView, MyLibrary, MyProfile, Logout, and AboutUs. The main content area displays a user's profile information: a placeholder profile picture, the name "JMARGARET CROOKSTON" in bold purple capital letters, the email "12345@gmail.com", and the creation date "2021-04-23T22:35:13.633Z". Below this, a section titled "Profile" in bold purple capital letters is followed by the text "The information can be edited". Three input fields are present: "user name \*", "Change Password", and "Change avatar". A validation message "Please enter valid url" appears next to the "Change avatar" field. A "SAVE DETAILS" button is located below the input fields. A "Delete" button is centered at the bottom of the profile box.

Home    Gallery    ListView    MyLibrary    MyProfile    Logout    AboutUs

JMARGARET CROOKSTON  
12345@gmail.com  
2021-04-23T22:35:13.633Z

**Profile**  
The information can be edited

user name \*

Change Password

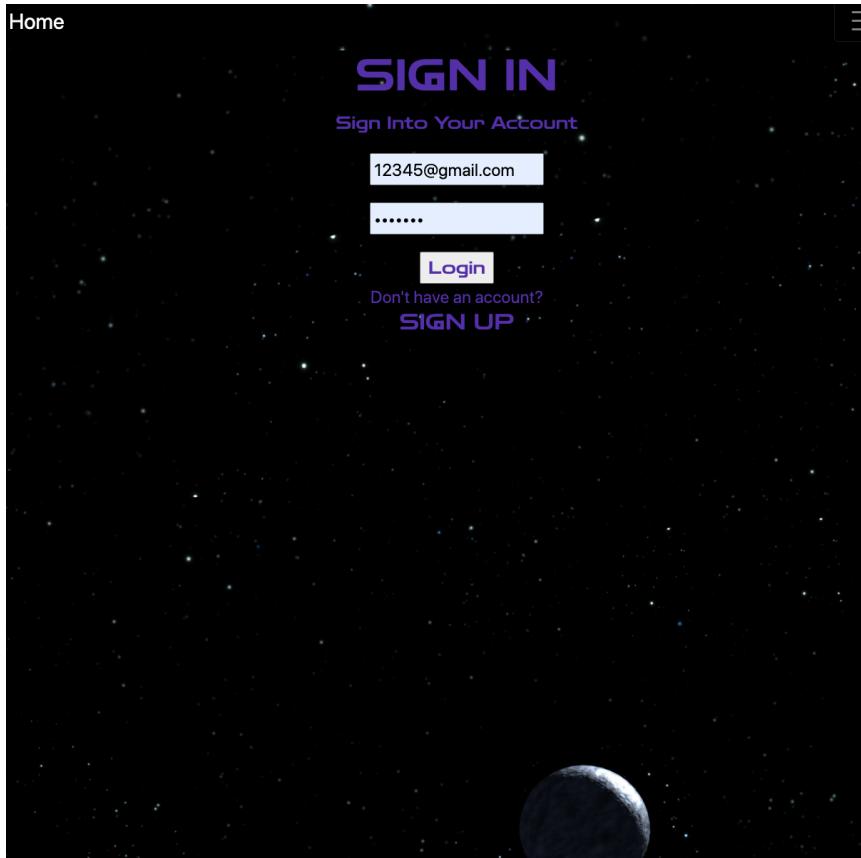
Change avatar

Please enter valid url

**SAVE DETAILS**

**Delete**

#19 improved sign in page like below



#20 improved sign up page like below

