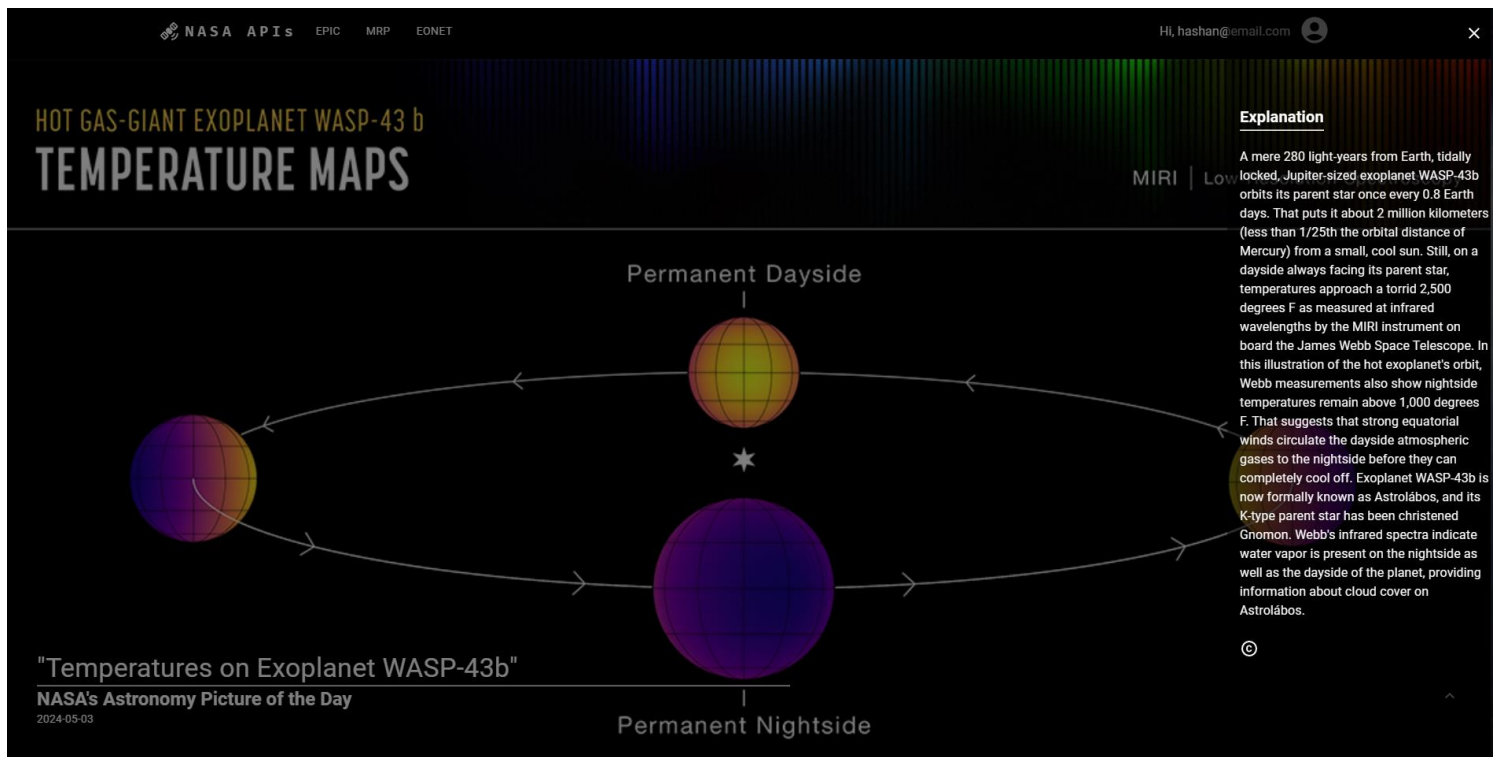
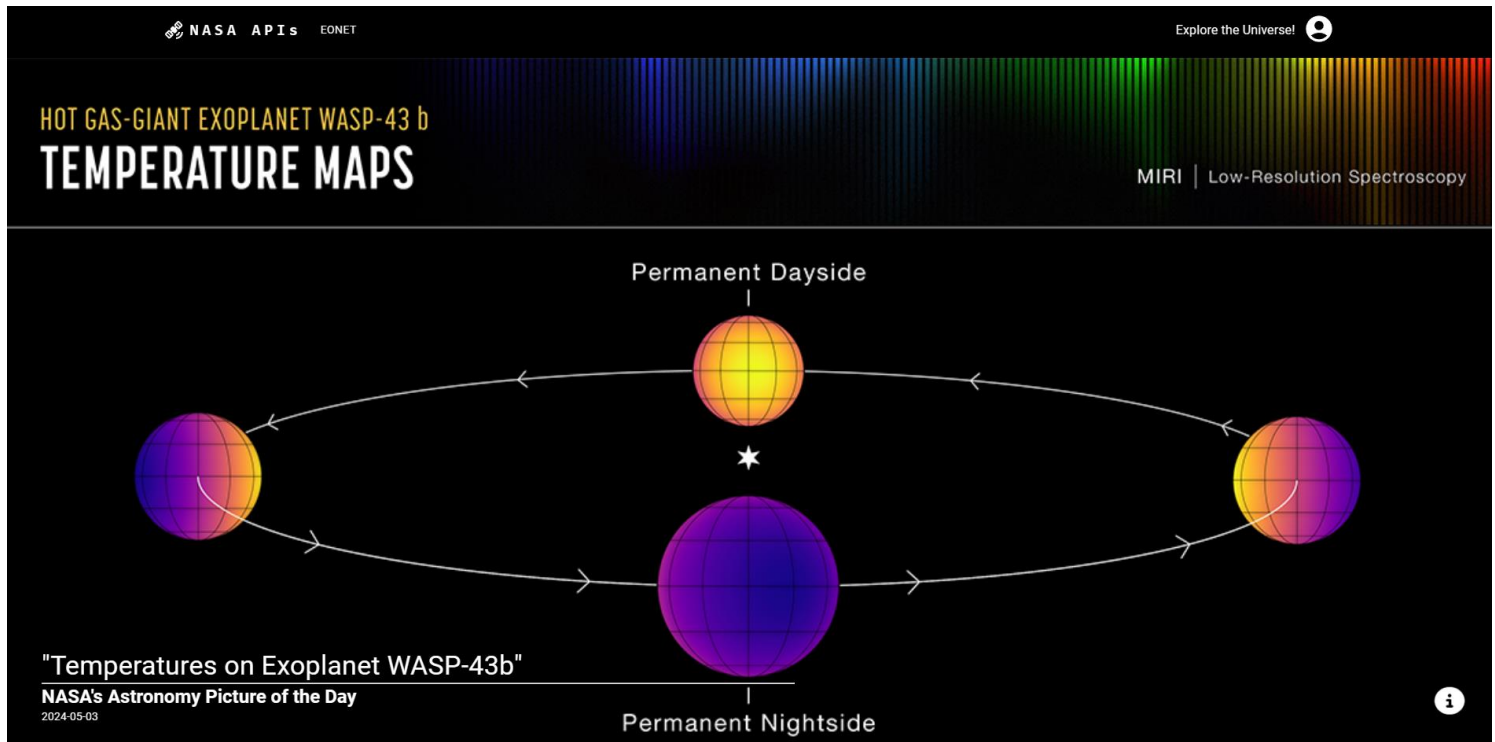


React Frontend Application Using NASA APIs

This application consumes data from NASA's public APIs available at <https://api.nasa.gov>

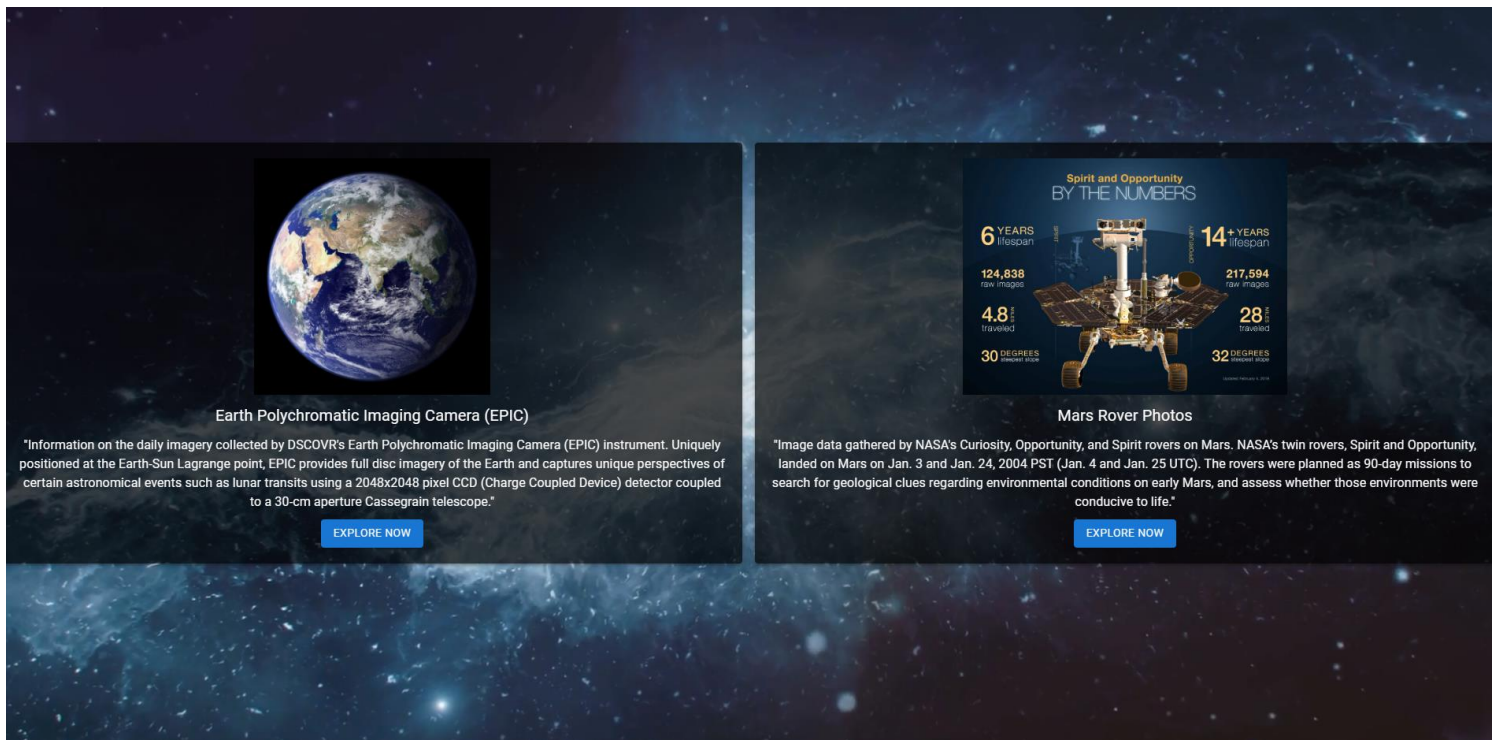
In the initial loading Home Page, NASA's Astronomy Picture of the Day will be displayed. By clicking the 'Info' icon on the bottom right corner of the image, the detailed explanation panel of the image can be opened.

🚀 NASA API: **APOD** (Astronomy Picture of the Day) - https://api.nasa.gov/planetary/apod?api_key=DEMO_KEY

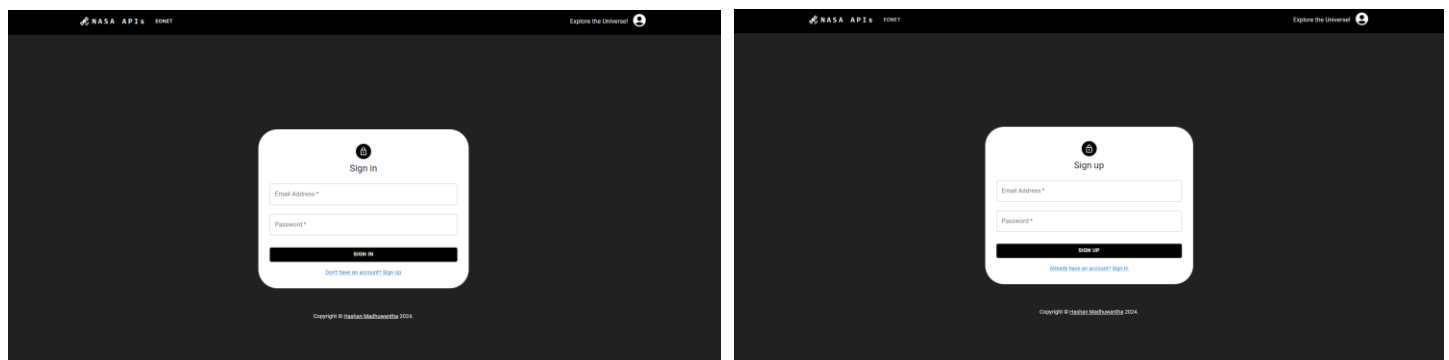


Below the APOD, there are two panels which briefly describe Earth Polychromatic Imaging Camera & Mars Rover Photos features, and each of them contain a button to explore them.


- The Home Page is public and accessible by anyone.
- To access the EPIC, and Mars Rover Photos, users have to log in.



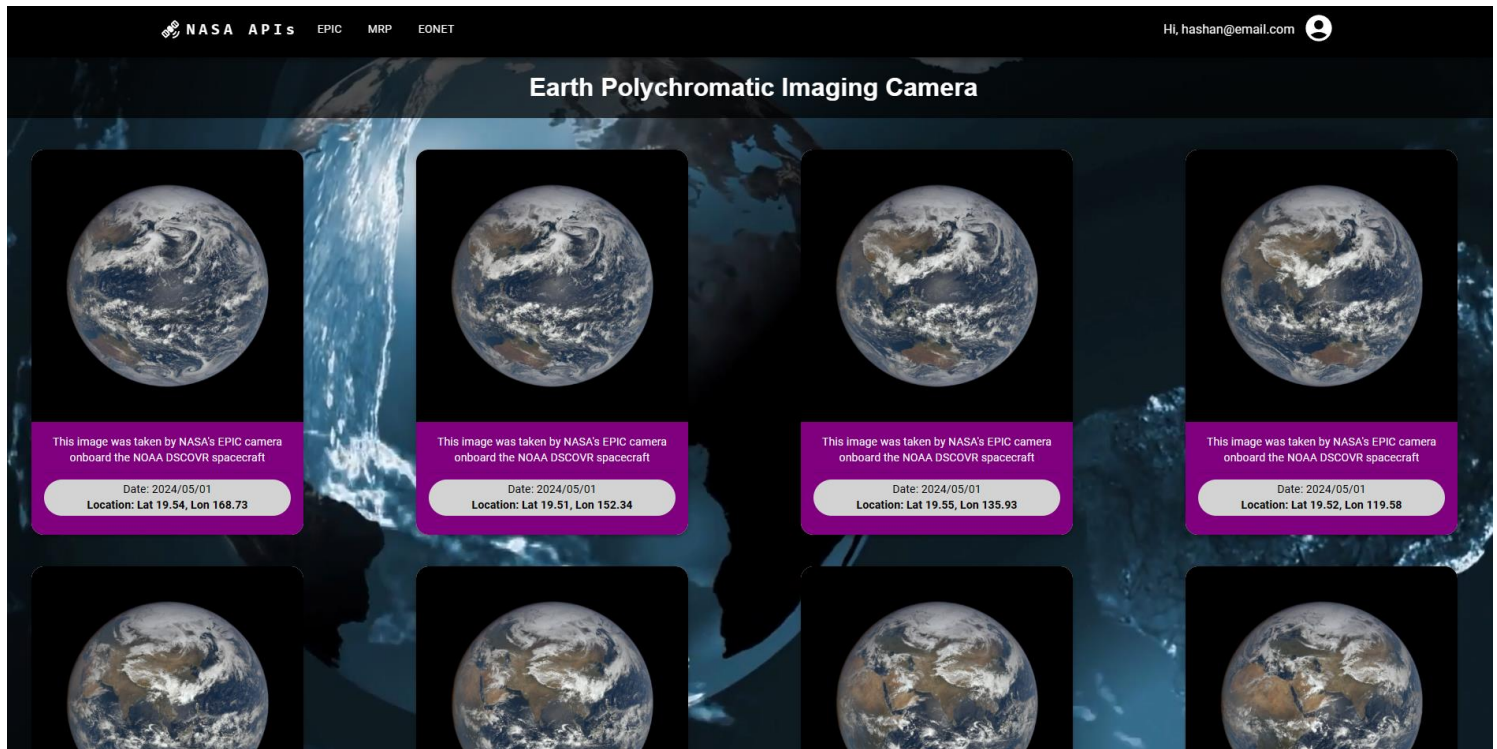
Users will be automatically redirected to Sign-In page whenever authentication is required for accessing a feature. Otherwise, users can Sign-Up or Sign-In by navigating to the relevant page by clicking the link (Log In / Register) under the profile icon on the top navigation bar.



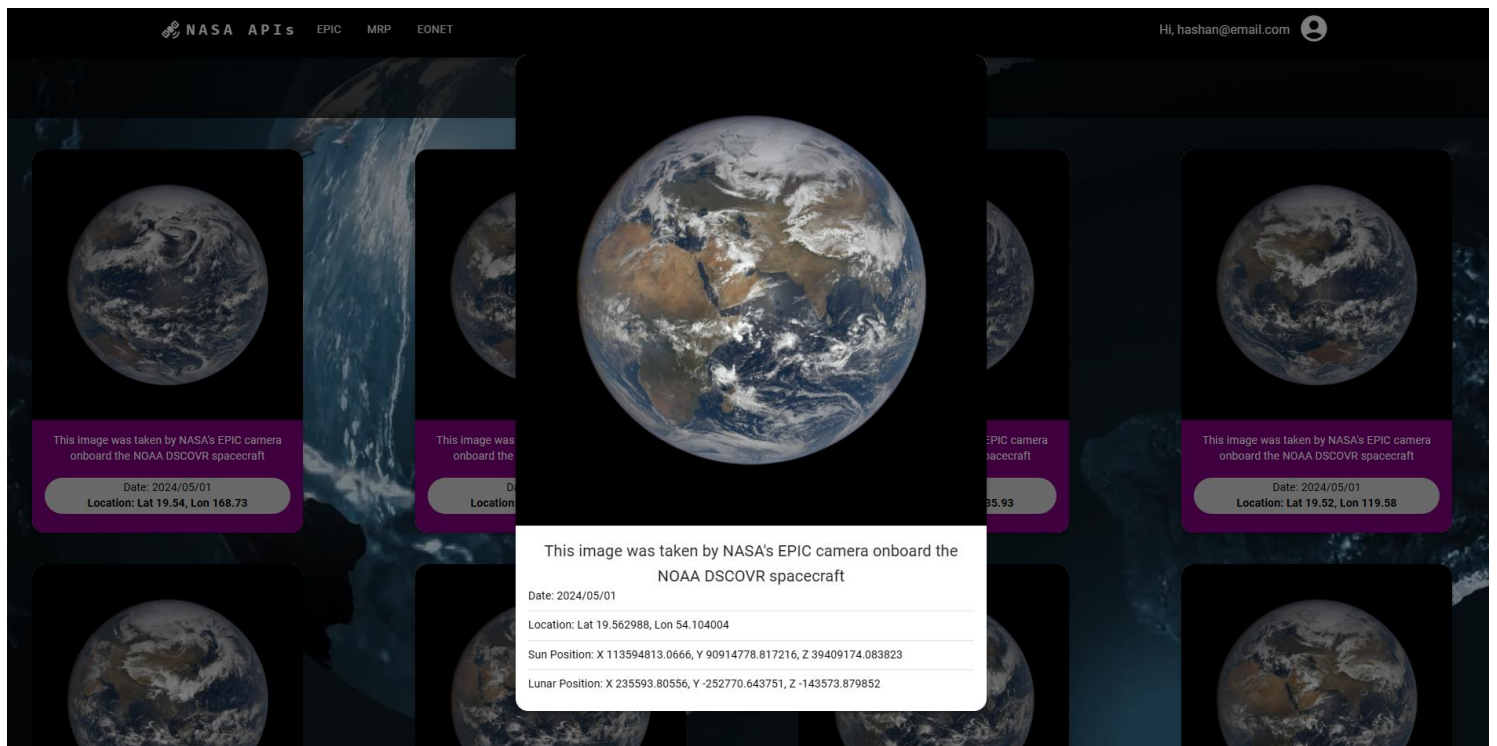
While logged in to the application, users can sign out anytime by clicking the Log Out button which will pop-up when clicked on the profile icon.


 NASA API: **EPIC** (*Earth Polychromatic Imaging Camera*) -
https://api.nasa.gov/EPIC/archive/natural/2019/05/30/png/epic_1b_20190530011359.png?api_key=DEMO_KEY

In the EPIC user interface, it will display information on the daily imagery collected by DSCOVR's Earth Polychromatic Imaging Camera (EPIC) instrument.

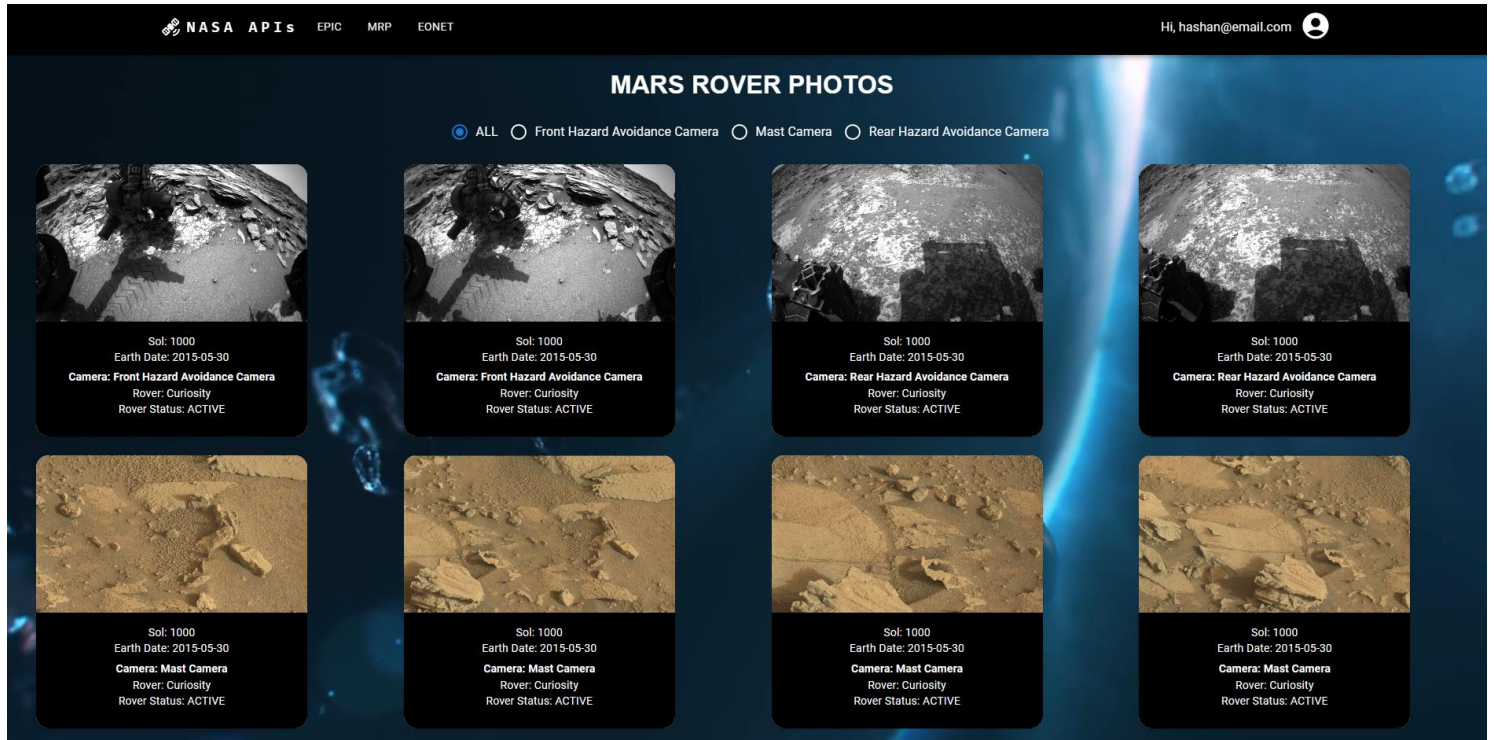


By clicking on each item, a detailed card view can be opened. It will show some additional data regarding the image.

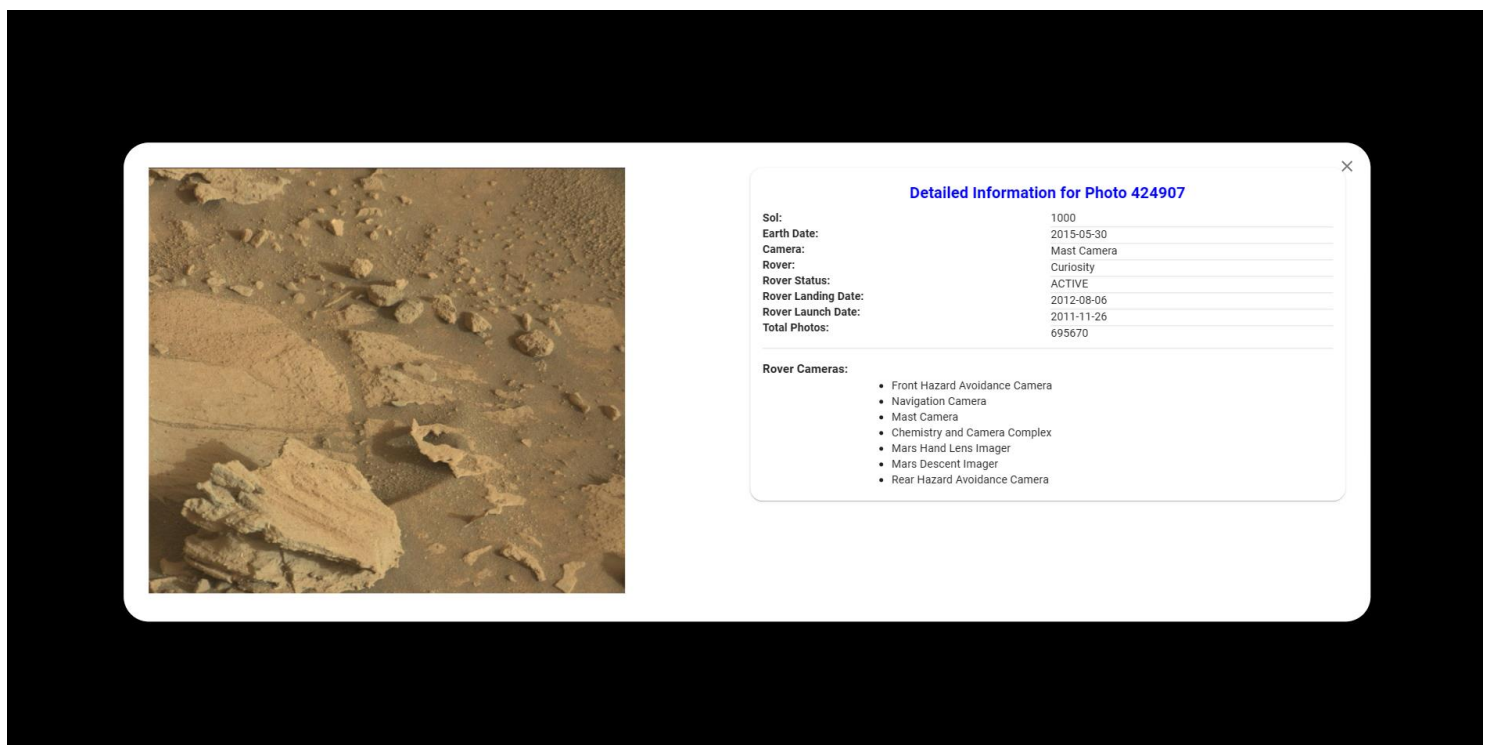


 NASA API: **Mars Rover Photos** - https://api.nasa.gov/mars-photos/api/v1/rovers/curiosity/photos?sol=1000&page=1&api_key=DEMO_KEY

In the Mars Rover Photos page, users get access to the image data gathered by NASA's Curiosity, Opportunity, and Spirit rovers on Mars. Users can interact with the UI and filter out images from each camera, by choosing one from the options provided.



A detailed view will be displayed when clicked on an image.



 NASA API: **EONET** (*Earth Observatory Natural Event Tracker*) - <https://eonet.gsfc.nasa.gov/api/v2.1/events>

This feature is accessible for anyone, even without log in to the application.

Can be navigated through the top navigation bar (*EONET*).

Wildfires, Volcanoes, and Sea and Lake Ice markers are representing by different icons on the map. Some additional details will be displayed when clicked on a marker.

