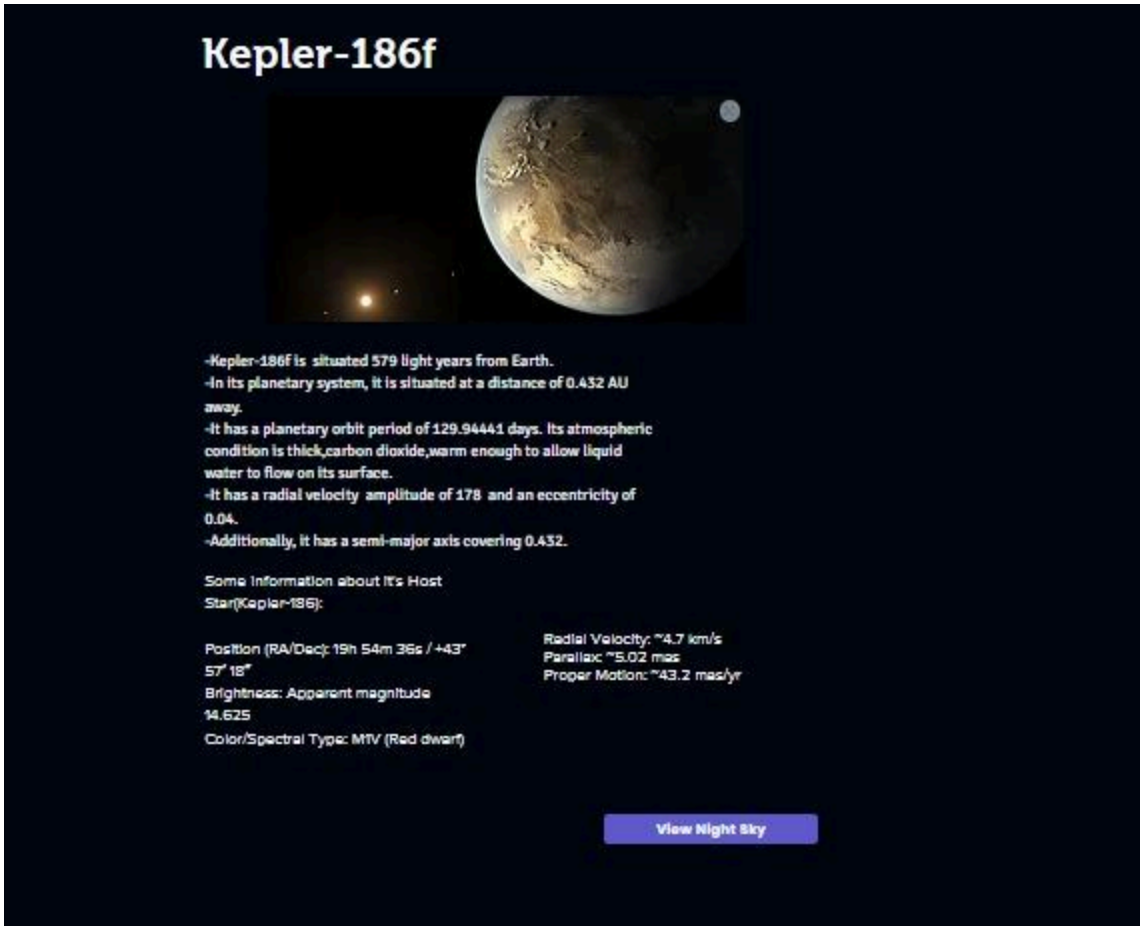
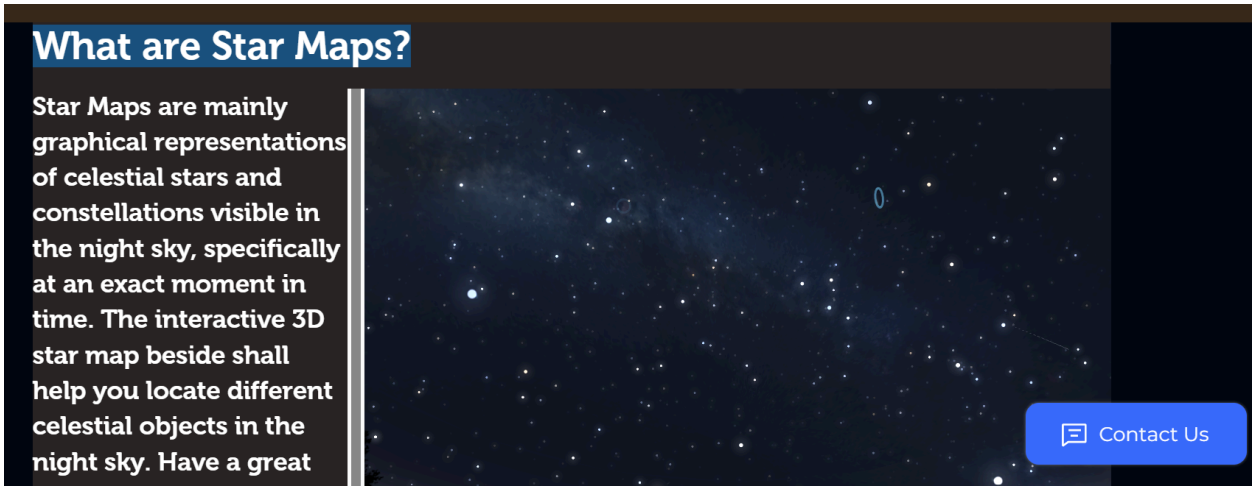


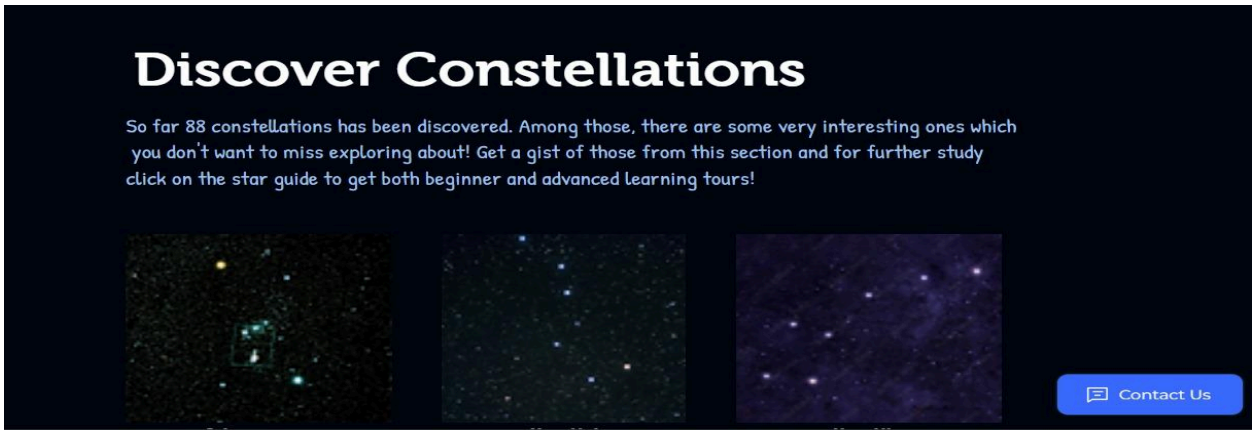
The user, after selecting a particular exoplanet can get details(like what is its distance from Earth, what is its planetary orbit, radial velocity and semi major axis). Also, they can view key details about the host star of the exoplanet.

After clicking on “View Night Sky” button from previous page, they can get a hypothetical imagery of the night sky of that particular exoplanet. They can even know about the location of different constellations and how that sky is made up. For displaying this visualization, informations in thof stellar research and catalogs of NASA and other space organizations.



From “view star maps” button of the previously described page, one can get to the page of 3D sky map interactivity , where the user can compare the night sky from the Exoplanet’s night sky(as understood from previous section) with Earth’s night sky. We have utlized this interactive feature with the help of Stellarium Web which reflects different data from NASA and ESA and additionally added informations to ensure that the user understands what a star/sky map is and what to understand with that visualization.

The user can know more about star maps and get visualization over star maps in the light of NASA's extensive data from its Scientific Visualization Studio(SVS)



With the obtained knowledge by comparing Earth's night sky with the Exoplanet's night sky, the users can trace/discover different common constellations. They can either read more or read less about the information as per their choice. Also, they can get options for advanced and beginner's guide over knowing different stars of the constellations.