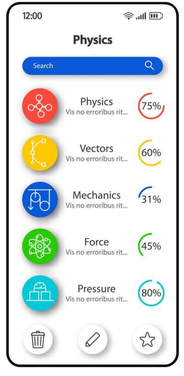
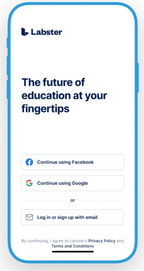
Topic : Conduct virtual science experiments with interactive simulations

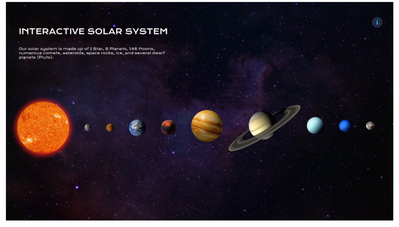
1. **physics** : has interactive simulations that cover various physics concepts. You can explore topics like kinematics, Newton's laws, and waves.



2.) **Labster** : provides a variety of virtual labs for biology, chemistry, and physics. These labs are designed to provide a realistic laboratory experience in a virtual environment.

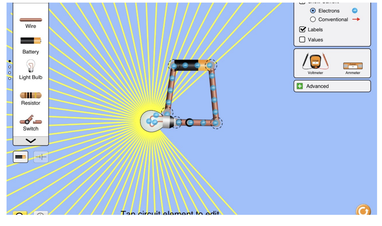


- 4.) **Virtual astronomy labs** : Stellarium is a planetarium software that allows you to explore the night sky in real-time or in the past or future. While not a direct experiment, it provides an immersive experience in astronomy.

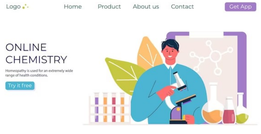


6.) **ExploreLearning Gizmos** : A collection of math and science simulations suitable for various grade levels.

5.) **PhET Interactive Simulations** : offers a wide range of physics, chemistry, biology, earth science, and math simulations. You can use these to explore concepts like circuits, waves, gas properties, and more.



3.) **ChemCollective** : provides virtual labs and scenario-based learning activities for chemistry. You can conduct experiments related to acid-base titrations, thermodynamics, and molecular biology.



7.) **Phenomena** : NSTA's Phenomena platform offers interactive science phenomena and simulations.

8.) **Virtual Labs by McGraw-Hill** : McGraw-Hill offers virtual labs for various science subjects.