Normal Requirements:

1. **Educational Content**: Provides accurate and educational information about Mars, its geography, atmosphere, and potential for exploration.
2. **Mission Objectives**: A series of mission objectives that guide the player through various aspects of Martian exploration.Objectives includes - finding martian rocks, finding water source, studying geological and rock formations, navigating to different martian regions.
3. **Realistic Simulation**: A realistic simulation of Martian environments, including terrain types, weather patterns, and day-night cycles.
4. **Progression System**: A progression system that rewards players for completing missions and achieving milestones, unlocking new tools, equipment, and areas to explore.

Expected Requirements:

1. **Intuitive Interface**: A user-friendly interface that is easy to navigate, with clear instructions and tooltips to guide them through the game mechanics.
2. **Compatibility**: The game should be compatible with users' preferred gaming platform, whether it's PC, console, or mobile.
3. **Physics Simulation**: A realistic physics simulation that accurately models the behavior of objects in the game world, including gravity, inertia, and collision dynamics.
4. **Visuals and Sound**: Immersive visuals and sound design that enhance the player's experience of exploring Mars, including realistic landscapes, atmospheric effects, and ambient sounds.
5. **Dynamic Weather Simulation**: Encounter dynamic weather patterns on Mars generated by advanced fluid dynamics simulations, including realistic dust storms, atmospheric disturbances that impact gameplay and exploration strategies.

Exciting Requirements:

1. **Virtual Reality (VR) Support**: Implement VR support to allow players to experience Martian exploration in an even more immersive way.
2. **Challenging Terrain**: Introduce challenging terrain features such as canyons, mountains, and caves that require creative problem-solving and navigation skills to overcome.
3. **Educational Quests and Challenges**: Engage in educational quests and challenges that teach them about Mars exploration, science, and technology. Players will solve puzzles, complete missions.

4. **Geological Survey Missions**: Geological survey tools to study Martian rock formations, mineral deposits, and geothermal features.
5. **Sampling**: Players collect and analyze the samples using onboard instruments and receive detailed information about objects' composition, age, and geological significance.