Project Initialization and Planning Phase

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| Date | 15 July 2024 |
| Team ID | 740078 |
| Project Names | Slop Sense : Resort Features For Regression Modelling |
| Maximum | 3 Marks |

SlopSense is a cutting-edge technology designed to monitor and analyze slope stability in various geotechnical applications. Accurate and timely predictions of slope performance metrics such as displacement, deformation rates, and potential failure are critical for ensuring safety and optimizing maintenance efforts. Leveraging a wealth of data collected from sensors and historical records, SlopSense aims to enhance predictive capabilities through advanced regression modeling techniques.

The primary objective is to develop a robust regression model that accurately predicts key performance metrics of slope stability using the data collected by SlopSense sensors. The model should take into account various factors such as environmental conditions, sensor data, and historical trends to provide reliable forecasts.

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| Im  research and selection | To try  Check availability | For a  Choose accomidation | Smooth and successful  Make payment | And resort booking experience  Conform&Review |

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| Problem statement | Im a  ( common man) | To try | Smooth and successful | And resort booking experience |
| (PS) | Research and selection | Choose accomidation | Make payment | Conform&Review |