**Project Proposal**

CS325 Software Engineering

**Title:** Indoor Mapping Software System

**Description:**

Every one of us might have used maps to navigate to different places in daily life. The maps used give us the direction from one point to another, but maps do not provide navigation inside buildings. For our project, we propose the development of indoor maps which can be used to navigate inside buildings which provide the user to navigate from one place to another inside building. We are going to use another technology which uses sensors inside smartphone namely magnet sensor and gyroscope to track the persons’ location, since GPS cannot be used here as it does not work inside building due to interference created due to walls. The map will have markers that will provide the information with different parts of building.

**Project Members:**

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