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VOTING SYSTEM IN CLOUD FOR RISK ASSESSMENT PROCESS

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ABSTRACT

This thesis focuses in designing and building an application which is used to facilitate project risk assessment meeting process for companies in order to create a cost effective and time efficient process. Automation is the main purpose of this application, but several benefits are introduced by using this application including increased mobility, reduced unnecessary time of recording all data to the system, reduced cost, and increased of anonimity level.

There are two roles being defined in the meeting process, which are called "participants" and "moderator". "Participants" are defined as people who join the meeting and "moderator" is defined as person who guide the meeting. In a meeting, there will be usually one moderator and several participants. Meeting is usually conducted in one room where all people will sit together to discuss the risk of a project.

During the meeting process, the application will support communication between participants, moderator, and the system. Participants will be using mobile devices to communicate with the system to suggest risks, input validation value, appraisal values, and suggest mitigation risk. Moderator as the facilitator of the meeting will be able to moderate the meeting and guide participants throughout the meeting by using the application.

The overall system is built in web-based implementing cloud computing concept performing software-as-a-service which are considerably cheaper than using hosting services. And since it is in web-based, people are able to join the meeting from wherever they are by utilizing the internet connection.