Software Requirements Engineering Project Proposal

# Team Members:

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**Project Concept:**

Automated Human Resource Monitoring System (AHRMS)

**Problem Domain:**

Problem Domain A.

**Motivation:**

The most important resource within an organization is the organization’s human resource. There had always been lack of management of these resources and for this reason the efficiency of both the organization and the employees are being hampered. Although a lot of initiatives have been taken to minimize this problem but still a good solution has not been met yet. The main purpose of this project will be to solve this management problems in a more smart and reliable way which will result a better outcome of the future organizations. This is a future technology we are motivated to build.

**Platform:**

* Desktop Client Application in C#
* Web Platform Server/Master App in PHP, HTML, JavaScript
* Android Helper and Notifying App in Android Platform

**Project Description:**

The project will be composed of several agents each performing unique functionalities.

A **Scheduler Agent** will do scheduled task like automated email system, automated file upload, auto shutdown and automatic tasks that needs to be monitored.

A **Client Monitoring Agent**: Will Monitor client activities, analyse it and will calculate how much work is done with the computer and other resources and how much is misused.

A **Notifying** **Agent**: Will notify about scheduled tasks.

A **Remote Scheduler** Agent: Will schedule task, can remotely assign tasks to clients

A **Data Analysing Agent**: Will analyse data obtained from the other agents to carryout decisions and tasks using Data Mining Concepts.