**ITC303**

**Project Proposal**

**Warehouse Management System**

**Summary Project Information**

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| Project Name and Group Size | Warehouse Management System (3 members) |
| Project Members | Shirish Maharjan, Hieu Hanh Tran, Arik Maharjan |
| Quick Project Summary | Make warehouse and store inventory more efficient by making it digital. |
| Looking for additional members? | No |
| Work-related? | Yes |
| Sponsor | Dr Mahsa Razavi |

**Short Project Description**

ABC is a retail company selling men’s clothing in New South Wales. The company has been growing rapidly, hence requires their warehouse system to be upgraded. The purpose of this project is to provide a digitized warehouse system for ABC. When completed the system would benefit the company a lot saving valuable time and cost for the company. Creating a digitized store and warehouse inventory system would allow ABC to get detailed and precise information about the stock movement and stock theft. This would also allow employees to look up current contents of the warehouse and each store. Moreover, distribution of stock would also be much easier once all the warehouse and store stock data is digitized and online.

**Architecture Outline**

The main architecture components are:

* Intranet Server
* User and stock database
* UI for accessing the application

**Technology Skill Set**

It is important that at the time of proposing the project that the group gives a simple and frank statement of their skills on the anticipated technologies that will be used to deploy the project. In general someone in the group should be experienced and advanced on the core technologies, and not too much time can be dedicated to improving beyond a beginner level.

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| Technology | Group Proficiency |
| Intranet Server | Beginner |
| MySQL database | Experienced |
| Java and JavaScript | Experienced |

**Potential Issues**

List here any issues that need to be explicitly addressed as the project progresses or issues that may cause the project to under-deliver or otherwise alter the initial intention of what the project is attempting to achieve.

This first table is given by the Subject Coordinator

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| --- | --- |
| Issue | Comment |
| Project Complexity | Does the project look like it meets the complexity requirements? |
| Group Skill Set | Does the project look like it can be completed with the current group skill set? |
| Obtaining sufficient data | If using a database for example, can you find sufficient data to populate it? |
| Obtaining sufficient users | If running a community website for example, can you find a sufficient numbers of users to build a demonstration community? |
| Project Demonstration | Do you need a special environment to run your project? |
| Work, travel or other commitments | Are there periods of this session or the next where you will be away or otherwise unavailable? How will this impact the project plan? |

This second table is for the group to express their concerns.

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| --- | --- |
| Issue | Comment |
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