

**CMPG223 GROUP PROJECT**

**GROUP 19**

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Scope

• The information system will provide the following **functionality**:

* Maintenance of clients;
* Maintenance of employees;
* Maintenance of employee roles; and
* Maintenance of projects’ phases.
* Maintenance of employees’ allocation to projects;
* Maintenance of project status; o Maintenance of project schedule.

• DevTracker’s business processes to be **automated**:

* Updating project schedules.

• **Reporting** functionality:

* Request reports:
* Monthly project development progress details (a detailed report).
* Report of existing clients (client report).
* Team performance tracking report (a summary report).
* Financial reports (specifically monthly cost and expenditure reports).
* Historical reports of completed projects.

• **In addition, the system must satisfy the following non-functional requirements**:

* The system will provide a username and password the user will use to log in, which will secure access to the system;
* The system will provide Help functionality, which will assist system navigation;
* The system will be optimized to have low run times; thus the system should take no longer than 2 seconds to process queries;
* The database should be able to store a large amount of information about the clients, projects, and employees with their roles. Each project requires one team which consists of a maximum of 10 employees (one team lead and up to nine developers), and the company can take on up to 5 opportunities in any given month.
* The system will be used by three types of users: management (that must have access to all functionality of the system), team leads (that must have access to only specified functionality), and developers (that must have access to only specified functionality).