

**Project Title:** **Information Extractor for Traffic Court Cases**

**Project Plan**

**Student Name: xxxx**

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**Supervisor: A/P Yeo Chai Kiat**

**Project Objective**

To develop an information extractor that extracts important information from uploaded traffic accident court cases and a web portal that returns traffic accident information stored in database when searched by users.

**Project Description**

* To allow users to upload past traffic accident court cases
* Extraction of relevant important information from past traffic accident court cases
* Enable storage of extracted information
* To allow users to enter traffic accident information

**Project Scope**

The modules to be developed are as follows:

* A System for users to upload past traffic court cases
* A Database to store and control the extracted information
* A Web Portal for users to query

The integration to be done is as follows:

* Integration of System and Database
* Whenever a new traffic court case is uploaded to the system, the system extracts relevant important information and stores in the database.
* Integration of Database and Web Portal
* Whenever users enter traffic accident information, Web Portal will send a query to the database and return an estimated liability.

Testing:

* Testing of individual modules
* Testing of integrated systems

**Project Schedule**

The planned project schedule will be shown by Figure 1 on the following page.

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|  | SEMESTER 1 2017/2018 | | | | | | | | | | | | | | | | SEMESTER 2 2017/2018 | | | | | | | | | | | | | | | | | |  |
|  | AUG | | | | SEP | | | | OCT | | | | NOV | | | DEC | | JAN | | | | FEB | | | | MAR | | | | APR | | | MAY | | |
| Project Planning |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | **EXAM** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | **EXAM** | |  |  |
| Research |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Basic Python programming |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Information Retrieval System** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Extracting Plaintiff’s Name |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Extracting Plaintiff’s Age |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Extracting Plaintiff’s Gender |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Extracting Date of Assessment |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Extracting Injuries |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Extracting Claimable amount |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Database design and creation** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Client Website development** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Integration of Information Retrieval System, Database and Client website |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Testing |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Report Writing** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| **Presentation preparation** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |