Technical Requirements

# Technology Stack

Backend

1. **Codeigniter (FREE to download) is** a php server side web framework using HMVC
2. **Mysql** a database, will be used as data storage.

Frontend

1. **Jquery(Free to download)**, a client side javascript framework, will be used for showing the overall user interface
2. **CSS** a used in front end for styling html
3. **TinyMCE(http://www.tinymce.com/)** used as text editor online. If we will use the uploading functionality then we should pay for it. Needs a further research on how to make it free.

# Backend Design

Codeigniter is a powerful backend Framework. We can further stretch the effectiveness of Codeigniter by using HMVC pattern which I intend to use.

Mysql database can also become faster if we use Stored Procedure on selected queries like the Transaction.

# Frontend Design

The initial frontend will be developed in Jquery.js which is very effective and easy to read javascript. Its fast and well-structured framework for javascript.