# Project overview

## 3.1 Reason for the Project

Saint Albert Hospital is a hospital in Auckland that offers private healthcare services to its patients. Since the hospital serves for more and more people, now it has a range of issues.

* The hospital is now using a paper-based system. It will be not as efficient due to an increasing number of patients.
* The current system does not retain the payment records of patients.
* The hospital hopes to provide accurate information about admission cost to its patients.

Our main objective is to create a reliable, stable, and easy-to-use system for Saint Albert Hospital, which allows the hospital to record and track the patient’s admissions. The hospital will expect these benefits through the new system:

* Increase hospital’s efficiency
* Increase patient’s satisfaction
* Attract more patients to come

## 3.2 Business Requirements

|  |  |  |
| --- | --- | --- |
| **ID** | **Requirement Statement** | **Priority** |
| BR1 | Payroll clerk can add, update, and delete doctor, and produce doctor report. | High |
| BR2 | Pharmacy administrator can add, update, and delete medication, and prescribe/remove medication to/from admission. | High |
| BR3 | Facilities administrator can add, update, and delete ward. | High |
| BR4 | Assistant administrators can add, update, and delete patient, and produce patient report, and record payment of the patient. | High |
| BR5 | Assistant administrators can add, update, delete and close admission, and allocate/remove doctors to/from admission, and produce invoice for admission. | High |
| BR6 | Research administrator can add and remove research project. He can also add, update, and delete research topic. | Low |

## 3.3 Resource Requirements and Costs

|  |  |
| --- | --- |
| **Description of Resource** | **Costs** |
| labour for developers (6 team members) | $20000/month |
| computers ? |  |
| ? |  |
| ? |  |
| web server ? |  |
| database server (Heroku) | $25/month |
| project management tools (Asana) | $49/month |
| coding tools (PhpStorm) | $199/year |
| version control tools (Git) | Free |