

**Britannia University**

**Project Title: A Project on Hospital Management System.**

Submitted to:

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**Project Summary:**

**This project makes for a Hospital Management system. By which we can add information of a patient. Such as, name of the patient, age and sex of the patient, address of the patient and also the name of consultants.**

**We can find out easily details of patients. We can edit information of a patient and we can also delete any patient information from the list. We used C language for this project. We used different types of library function for this project. We will describe it next.**

**Introductions: Human Body is a very complex and sophisticated structure and comprises of millions of functions. All these complicated functions have been understood by man him, part-by-part their research and experiments. As science and technology progressed, medicine became an integral part of the research. Gradually, medical science became an entirely new branch of science. Thus the Health sector aims at providing the best medical facilities to the people. Our project is one of the parts to help medical science. The title of this project is “Hospital management system”. By which basically we can save the importations of the patients of a hospital. We can save lots of importation. It helps to find out any patient importation very quickly. It’s very easy for a user to do his work.**

**Programming tools: Dev C++.**

**Flow chart:**

**Main Menu**

**Delete form list.**

**Edit**

**Exit**

**Search**

**All list.**

**Add new**

**Name of the department for add new one.**

**Exit**

**Paediatrics**

**Surgery**

**Gynae**

**Ophthalmology**

**Medicine**

**Return to Main menu.**

**Exit**

**Function details:**

**Library function:**

**printf(),** it’s a library function this for showing the massage and the output result.

**scanf(),** it’s also a library function this for take input.

**fflush(stdin),** this is for increase flexibility of the project.

**switch(),** this for chossing.

**fopen(),** this is for open a file.

**fclose(),** this is for close a file.

**fread(),** this is for read a file.

**system("cls"),** this is for clear screen after doing any work.

**Another function:**

**Add function** works for add by which we can add information of the patient.

**List function** show the all list in the file.

**Search function** this is for search any patient information.

**Edit function** use for Edit.

**Delete function** used to delete any information we need.

**Exit function** use to exit from the project.

**Testing:**

**Another team leader our classmates Shojol test our project. He told us that we may decorate our project by graphics.**

**He advised us to use C++ language and more library function for makes the program easier.**

**Future Work:**

**We use C language for this project; we hope in future we will use C++ language to increase much flexibility of the project. By this project we can only add the information of a patient and his/her department; we can search, edit, delete and see their list. Beside this we will add their release date, about their disease, total bill and discount if it is necessary. Calculation of bill will do by our project. Death certificate if it is necessary for any patient and causes of death. We will add graphics to make our project much attractive. We will add password to make it more secure from unknown users.**

**Conclusion: This project has been a rewarding experience in more than one way. The entire project work has enlightened us in the following areas.**

**a) We have gained an insight into the working of the HOSPITAL. This represents a typical real world situation.**

**b) Sense of teamwork has developed and confidence of handling real life project has increased to a great extent.**

**In the end we like to give thanks with respect to our honorable teacher *Mr. Abdu Sattar* for his hard working to give us proper teaching and inspiring. We hope in future we can do more. And we will make our project much attractive. We will touch the sky of success.**