Bahria University,

Karachi Campus



LAB EXPERIMENT NO.

\_\_\_02\_\_\_

LIST OF TASKS

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| TASK NO | OBJECTIVE |
| 01 | Submit the complete document of Vision & Scope of your project. |
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Submitted On

04-10-2023

(Date: DD/MM/YY)

**Task 01:** Submit the complete document of Vision & Scope of your project.

**Solution:**

* **Business Requirements:**
* **Background:**

My project Hospital Management system includes registration of patients, storing their disease details into the system. My software has the facility to give a unique id for every patient and stores the details of every patient. The Hospital Management System can be used by entering respective username and password. It is accessible either by an administrator or receptionist. Only the respective person can add data in the database. The data can be retrieved easily. The interface is very user-friendly. The data are well protected and data processing is very fast, accurate and relevant.

The project is a Hospital Management System designed for patient registration, storing disease details, and providing a unique ID for each patient. It allows access via username and password for administrators or receptionists. It emphasizes user-friendliness, data protection, and fast, accurate data processing.

* **Business Opportunity:**

The objective is to manage all hospital areas, including medical, financial, administrative, and service processing.

* **Business Objective:**

A hospital management system is a software designed to manage all the areas of a hospital such as medical, financial, administrative and the corresponding processing of services.

* **Success Metrics:**

Success metrics include measuring the average length of stay, time to service, hospital incidents, patient satisfaction, and patient readmission rate.

* **Vision Statement:**

Daily functions like patient registration, managing admission and overall management of various departments can be easily performed with higher accuracy after the installation of hospital software. The modules of hospital management software are user-friendly and easy to access. The system aims to streamline daily hospital functions, improve accuracy, and enhance overall management.

* **Business Risks:**
* **Technical Risks:** Possible challenges related to the implementation of technology, including software bugs, compatibility issues, or unforeseen technical obstacles.
* **Security Risks:** Risks associated with safeguarding patient data, such as data breaches, unauthorized access, or vulnerabilities in the system.
* **Operational Risks:** Challenges tied to the day-to-day functioning of the hospital, including staff training, data accuracy, and system downtime.
* **Financial Risks:** Risks associated with budget management, cost overruns, or unexpected expenses during the project's lifecycle.
* **User Acceptance Risks:** The possibility that hospital staff might resist using the new system, encounter usability issues, or have difficulty adapting to the changes.
* **Business Assumptions & Dependencies:**
* **Assumptions:**
* **Efficiency Improvement:** It assumes that implementing the Hospital Management System will lead to increased efficiency in hospital operations.
* **User Types:** There's an assumption that both administrators and receptionists will use the system, each with their respective roles.
* **Staff Training:** The document implies that staff members may require training to use the system effectively.
* **Software and Hardware:** It assumes that the project will use specific software and hardware components as listed in the requirements.
* **Dependencies:**
* **Technology Availability:** The successful implementation of the system depends on the availability and functionality of the required software and hardware components.
* **Staff Cooperation:** Project success may depend on the cooperation and active participation of hospital staff in using, maintaining, and adapting to the new system.
* **Scope and Limitations:**
* **Major features:**

The major features of the system include patient registration, doctor management, accounting, pharmacy management, laboratory management, quality assurance, staff management, appointment/scheduling, cash/billing, stock management, facility management, insurance management, helpdesk, campus security, and more.

* **Scope of Initial Release:**

The initial release focuses on addressing the limitations of the existing manual system by automating patient records, staff management, accounting, pharmacy, and more.

* **Scope of Subsequent Release:**

Future releases may include additional features and improvements based on user feedback and requirements.

* **Limitations and Exclusions:**

The document mentions that it will not take responsibility for failures due to hardware malfunctions and outlines warranty terms and business assumptions.

* **Business Context:**
* **Stakeholder Profiles:**

The stakeholders include the client, specific employees (managers, receptionists, consultants, system operators), the project team, and supervisors.

* **Project Priorities:**

The project priorities include fulfilling client requirements, improving the existing manual system, and ensuring client satisfaction.

* **Deployment Considerations:**

The system requires specific software and hardware, including an operating system, JRE, MySQL server, and appropriate computer specifications.