

AHSANULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY (AUST)
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Department of Computer Science and Engineering
Program: Bachelor of Science in Computer Science and Engineering

Project Report

Course No: CSE-3100

Course Title: Software Development – IV

Project Title: **Hospital Management System.**

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Submitted to

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- **Features Completed:**

- **Login System:** Implemented a secure login system with four roles - Admin, Doctor, patient.
- **New User Registration:** Users can be registered by the Admin.
- **Patient Registration:** Implemented the functionality to add new patients to the system.
- **Doctor Registration:** Doctors can be registered in the system.
- **Appoint Doctor:** Receptionists can schedule appointments with doctors.
- **View Appointment:** Users can view their scheduled appointments.
- **Doctor list:** Implemented a list of all registered doctors.

- **Additional Feature:**

- No additional features were added during the implementation phase

- **Feature Deferred:**

- **Review and Rating system:** The implementation of the review and rating system was deferred due to time constraints. This feature involves a more extensive user feedback system and will be considered for future updates

- **Future Improvement:**

- **Review and Rating System:** As deferred, this feature could significantly enhance the user experience and provide valuable feedback for continuous improvement. Consider implementing it in future updates
- **User Interface Enhancements:** Continuously work on improving the user interface for better usability.
- **Data Security Measures:** Implement additional security measures to safeguard patient data and comply with privacy regulations.
- **Integration with External Systems:** Explore possibilities of integrating with other healthcare systems or electronic health records for a more comprehensive solution.
- **Adding pharmacist:** Add pharmacist option will also help the patients to buy drugs easily.

Conclusion:

The implemented Better Life Hospital Management System successfully accomplishes the primary objectives outlined in the proposal. While some features were deferred, future improvements aim to enhance user experience, streamline operations, and offer a more comprehensive healthcare management system.