



Project Proposal

 Mobile app to generate invoices for
Ultracare Medical Center



hyperreal.

“Hyperreal” is a team of passionate designers and developers based in Sri Lanka, dedicated to bringing your idea to life.

We specialize in crafting mobile, desktop, and web applications for a wide range of requirements. We stay up to date with modern trends to create the most unique experience. We care about every detail, down to the tiny pixel.

Our Team:

- Nipuni Gamage (UI/UX Designer, Marketing Manager)
- Dineth Oshitha (Full-stack Developer, Quality Assurance Engineer)
- Safna Zarook (Full-stack Developer, Content Developer)
- Samadhi Gunasinghe (Full Stack Developer, Product Manager)

Overview

This proposal outlines the development of the mobile application tailored to streamline the invoicing process for your medical center. By digitizing patient information, diagnosis selection, and prescription management, we aim to reduce administrative overhead and improve billing accuracy.

Key Benefits

- **Increased efficiency:** Streamline invoicing tasks, reducing manual labor and errors.
- **Improved accuracy:** Ensure accurate billing information and avoid costly mistakes.
- **Cost savings:** Reduce administrative costs associated with manual invoicing and potential errors.
- **Enhanced patient experience:** Provide a convenient and paperless invoicing experience for your patients.

Solution

App Features

Proposed mobile app incorporates following essential features:

- **Patient information:** Easily input patient details, including name, address, contact number, visit date, age, and sex.
- **Diagnosis selection:** Add new diagnoses and choose from a comprehensive list of diagnoses to accurately reflect patient conditions.
- **Prescription management:** Add prescriptions and medications, along with their quantity, dosage, and duration.
- **Styled template:** Pre-defined invoice template to match your medical center's branding.
- **Database backup and Synchronization:** Securely store, backup and access patient data and invoices from anywhere.
- **User-friendly interface:** Enjoy a simple and intuitive design that makes invoicing a breeze.
- **Export invoice:** Directly export invoices to PDF format.

Technical Approach

We will employ a Agile development methodology to ensure efficient project delivery. Our team of skilled developers will utilize industry-standard programming languages and frameworks to build a reliable and user-friendly app.

Deliverables

Scope of Work

The final deliverables will include:

- **Fully functional software application:** A comprehensive and user-friendly software solution tailored to your specific needs.
- **Comprehensive documentation:** Detailed user manuals, technical specifications, and code documentation to ensure smooth implementation and ongoing maintenance.
- **Thorough testing and quality assurance:** Rigorous testing procedures to guarantee the software's reliability, performance, and security.
- **Technical support:** On going technical support to address issues and bug fixes.

Resource Requirements

Infrastructure

Following requirements will be needed for the optimum functionality of the mobile app.

- **Mobile Device:** The app will be designed to run on various iOS and Android devices with sufficient processing power, memory, and storage.
- **Local Database:** A local database will be used to store patient data, diagnoses, and prescriptions on the device.
- **Cloud Storage:** A cloud-based storage solution will be used for database backups and synchronization.
- **Internet Connection:** Backup and synchronize databases.

Timeline

Our estimated project timeline is 8 weeks, with key milestones including:

- Phase 1: Design and prototyping
- Phase 2: Implementation
- Phase 3: Testing and quality assurance
- Phase 4: Launch and deployment

Budget

Our estimated budget for the project is LKR 60,000. This includes costs for development, testing, licensing, and maintenance.

Design and Prototyping	10, 000
Front-end Development	15, 000
Back-end Development	20, 000
Testing and Quality assurance	10, 000
Maintenance and Support	5, 000

Conclusion

We are confident that our mobile app solution will significantly improve the efficiency and accuracy of your medical center's invoicing processes. By partnering with us, you can enhance patient satisfaction and achieve operational excellence. We invite you to discuss your specific needs and explore how our app can benefit your medical center.



Thank you for working with us.