CALIFORNIA STATE UNIVERSITY
BAKERSFIELD

Runner Health

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Project Introduction

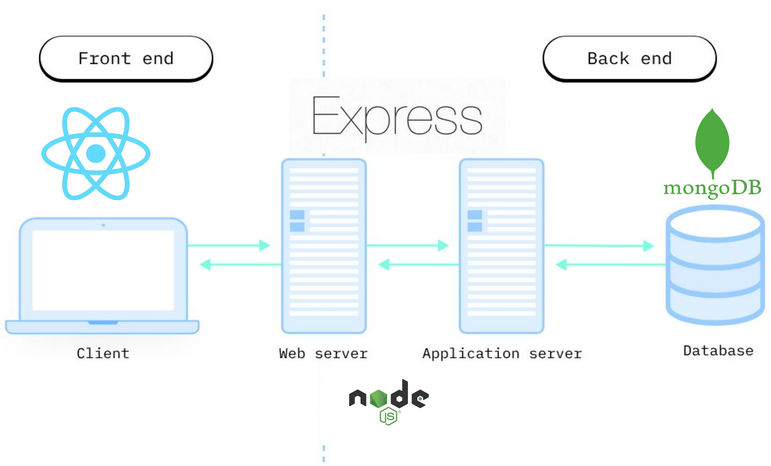
- **Runner Health** is a medical utilities application designed to improve the quality of health care
- Runner Health allows for patient health information (PHI) to be stored remotely and securely
- Reduce wait times for requested records
- Improve efficiency for administrative tasks

Target Audience

- Individuals who frequently visit doctors
- Individuals who want to store PHI digitally
- Physicians and healthcare workers

Design

- MongoDB, Express.js, React, and Node.js
- Model View Controller architecture



Features

Patients

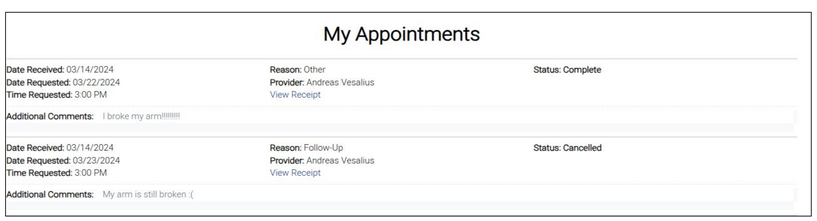
- Account creation & management
- Quick access to medical records
- Accessible appointment management
- Comprehensive appointment history
- Easy-to-manage invoice handling

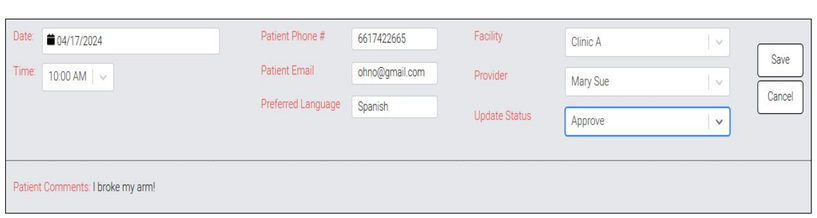
Employees

- Effortless file uploads
- On-demand cohesive document access
- Flexible appointment administration
- Streamlined invoice creation
- Direct-messaging to patients

Accessibility

- Runner color theme for accessibility
- Sleek, minimal UI for user experience





Development

- Agile Development model: Plan → Design → Develop → Test → Release → Feedback
- GitHub used for version control
- Backend: data stored in MongoDB
- Frontend: React used for UI/UX
- Continuous Integration using Render
- Cross-platform web application
- Accessible on mobile and desktop

Timeline

Time	Oct - Dec	Jan - Feb	March - April
Frontend	Wireframes and prototypes	Features implementation	Finalize design, test, and debug
Backend	Database Setup	Middleware and API endpoints	Test and Debugging

RUNNER HEALTH

Resources

mongoDB. JWT Tailwind CSS
stripe
GitHub
render