

E-Med Value - FEATURES

Prepared by



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Current Features List

Access control with password:

- Users can optionally set single/dual password protection for access to the app, separate from any phone unlock password.

Health and Personal Data:

- On iPhone, users have the option to link to Apple Health app, enabling various health parameters to be imported from Apple Health into E-Med Value.
- In various sections of the app, users can save and edit notes, useful for things such as writing additional information to discuss or remember for Dr. appointments that are not covered by data entry fields.
- Users can save personal data in the profile section including:
Name, photo, gender, birthdate, address phone, email, photo ID, emergency contacts, Dr. contact information, insurance contact info, hospital info, drug store info, test center info.
- In the medical history section users can save data on blood type, age/date of birth, height, vision exam, smoking data, gender, allergies, immunizations, medical record, medical devices used.
- In the monitoring health section user can record a large variety of health parameters and follow links to the knowledge section to learn more about each parameter. On the iPhone, many parameters have option of syncing Apple Health data into the app.

Education and References:

- The Health Knowledge section gives details of each health parameter found in monitoring health section that includes: description, alternative names, common units, reference normal ranges or parameter, sources. Also included in this section are multiple website resources about medication and healthcare including dailymed.nlm.nih.gov , medlineplus.gov , healthcare.gov , healthcare.com , and painspot.com.
- The “Good Things To Know” section provides info on additional topics including: Arthritis, Cholesterol, Thallium Stress Test/IPV, and Diabetes.

Doctor & Prescription Reminders:

- The Medications section allows optional connection with the Reminders App, giving users the ability to set medication reminders and save medication info such as: name of medication, dosage, start date, number of days, time of first dosage, number of doses per day,
- Communications section has two primary functions
 1. Dr Appointments: User can connect with Calendar App and save Dr Contact information including name, phone, email, website, location. User can save appointments and optionally connect them to the Calendar App for schedule reminders.
 2. Prescription Refills: User can save medication refill data and set reminders in Reminders App for refills when medication is getting low. Information user can save includes pharmacy contact info, medication name, prescription info, first refill date, number of refills, and refill period.

Future Features List

Access options update:

- Additional control over access to the app via face recognition, touch/fingerprint, and control over being able to add data entries using voice commands via Siri shortcuts.
- Keep password as a fallback in case face or fingerprint ages/changes.
- Method of resetting password using Apple ID.
- Verify security and periodically upgrade as required.
- Option to allow user to provide 911 emergency services with user data

Device Syncing:

- Syncing iPhone & iPad user data(beginning with iCloud since it won't require external services)
- Test with stand-alone app first, then incrementally increase data to be synced. Future data will also need to be added to a list to ensure all data is synced. Performance testing will be necessary to determine speed and need to allow for notification when users devices are not in sync.
- Ensuring HIPAA compliancy would still be met.

Additional Pharmaceutical Knowledge for Common Drugs:

- Side effects of common drugs with external references (incremental updates)
- Drug interactions for common drugs with external references (incremental updates)

App Integration:

- Integrate with household and hospital grade medical testing units. Initially will include pulse and most used Bluetooth weight scale.
- GoodRX API integration possibility for signing up with FrontierX Technology (May be a free service with signup required)
- Integration with Fitbit and Apple Watch steps and workout tracking
- Further integration with apple HealthKit to include, step tracking, sleep (WatchOS6) (IOS 14), heart-rate.
- Integrate with preexisting health record trackers. (FollowmyHealth, Sync.MD, Patient Access)

Medical History Form + Cradle to the Grave History:

- Develop a medical history form that allows management and searching of different forms such as dental, vision, medical, user able to organize or maybe even populate from template.
- Family Tree creation to allow user to input family tree information with medical history for family members, then summarizing information into report. Will yield report with ordered and searchable list to include things such as: “History of heart disease?”, “Yes – uncle”

Additional Information Fields:

- Schedules for common tests that should be done monthly, semi-annually, annual etc.
- Incorporate additional information on breast cancer and other things included in competitor apps. Reference external sources of information.
- Information on Self testing to include Coronavirus and other tests.
- Astigmatism, Lasik, Cataract fields
- Charts/graphs of BMI based on height and weight
- BP to Age chart
- Multiple Photo ID capability & verify/improve screen ratio. Allow adaptive viewing of images in landscape and portrait modes and to allow user to view in full screen mode (without menu or other things on screen)
- Improved ratio-metrics, adaptability of code to optimize menu/row sizes based on device being used.
- Hyperlinks, determine requirements needed to be met and how to reactivate them for use.

Competitor Analysis:

- Weigh pros/cons with risk assessment for various features that have passed and failed in other popular apps based on reviews, personal assessment and websites.

App Store Marketing:

- Creation of video for use in app store
- Updates to photos/images to improve sophistication
- Contact bloggers/influencers to review and compare app to competition after the app is ahead in functionality.

Basic Mental Healthcare Tracking

- Mood Journal
- Resources to find licensed therapists and psychologists
- Bedtime reminders and sleep tracking

Add Support for Document Uploading

Add Push Notification Support

- Medication Reminders
- Appointment Reminders
- Prescription refill reminders