Access all of your medical information from anywhere.

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Red Team
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Problem Statement

Healthcare patients do not have a central mobile environment to promptly access, organize, and share their medical information with various providers.
Our target customer for this application is anyone that uses a mobile smartphone and needs to access all of their medical records from one place. The Patient Advocate application would greatly benefit those in need of medical care outside the scope of their primary care provider’s network, those with chronic conditions, and those who take care of dependents and the elderly.
Problem Characteristics

- Patients’ records are scattered throughout different electronic health record (EHR) systems, impacting record completeness
- Patients do not have a way to update their daily regimen for their physicians, impacting emergency care
- Patients do not have a way to access medical records outside of their provider office, impacting patient convenience
Problem Statistics

- "Currently, there are roughly 1100 vendors that offer an EHR."[10]
- "In March 2017, 67% of all providers reported using an EHR."[11]
- "67% of providers reported not liking the functionality of their EHR systems."[11]
- "Only 40% of hospitals and 14% of doctors share data outside their organization."[12]
- Roughly three million adults over the age of 65 and 1.5 million children under the age of 18 visited physicians’ offices in 2015. [14]
- 6.7% of noninstitutionalized adults over the age of 65 reported needing help with personal care in 2017. [15]
Goals & Objectives

- Provide an easy-to-use mobile application for the user
- Allow the user to pull all of their medical information into one application
- Aid healthcare providers in obtaining patient’s healthcare records
- Ensure that all patient data is secure
- Reduce diagnosis time
- Digitize patients’ non-electronic records
Solution Characteristics

- Intuitive mobile application
- Allow users to log into existing patient portals and gather available medical record information
- Allow access to dependent records
- Allow the patient to detail their daily regimen to share with providers
- Allow linking with genetic data and fitness trackers
Application Features

● Calendar containing appointments and notifications
● Patient log/notes section
● Data encryption
● Comprehensive medication information
## Competition

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<th>Feature</th>
<th>Patient Advocate</th>
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<th>Picnic Health</th>
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<td>Share Records</td>
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<td>Medication Data Advocate</td>
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<td>● Allow end users to log into their existing patient portals</td>
<td>● Allow patients to change physician provided medical records</td>
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<td>● Allow access to dependent records</td>
<td>● Allow unauthorized access to patient records</td>
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<td>● Gather available record information from existing patient portals</td>
<td>● Modify providers’ existing EHR systems</td>
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<td>● Allow users to specify their daily regimen to share with providers</td>
<td>● Conflict with HIPAA laws</td>
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Application Interface Example

Home Screen

Contact a Provider Screen
The Patient Advocate application seeks to enhance the healthcare industry by expediting the gathering and sharing of patient healthcare data.
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