



AllScripts SAAS Application for Healthcare

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Software As A Service(SAAS)

- Application over the Internet as a Service
- Provider manages the security, availability and performance
- Offers a lot of agility and cost-effectiveness for companies, making it an incredibly reliable option for numerous business models and industries.
- Popular among businesses due to its simplicity, user accessibility, security, and widespread connectivity.

Software As A Service(SAAS) - How It Works

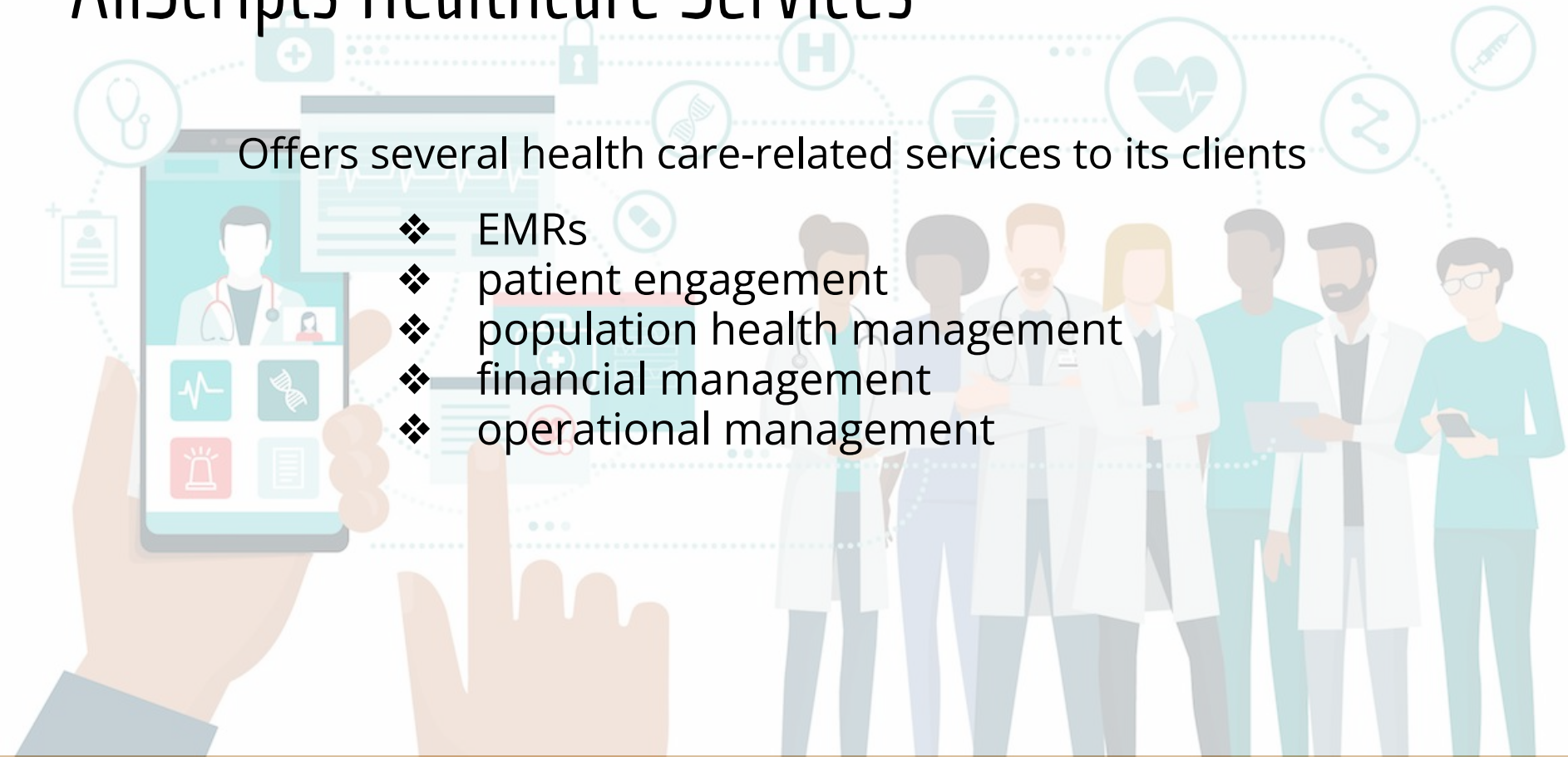
A software provider will either host the application and related data using its own servers, databases, networking and computing resources, or it may be an ISV that contracts a cloud provider to host the application in the provider's data center

- The application will be accessible to any device with a network connection
- SaaS applications are typically accessed via web browsers.

AllScripts Healthcare Services

Offers several health care-related services to its clients

- ❖ EMRs
- ❖ patient engagement
- ❖ population health management
- ❖ financial management
- ❖ operational management



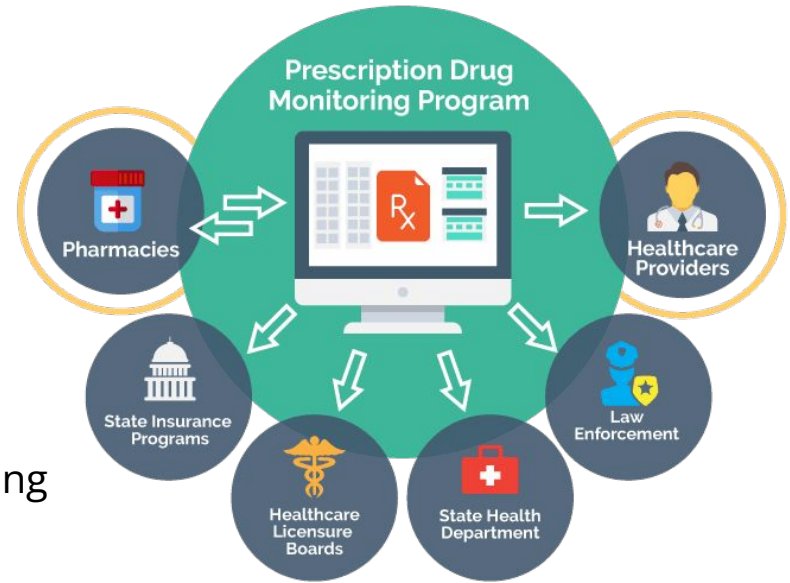
Target Audience

- Hospitals, medical centers, doctors offices (all types of doctors and specialists)
- Healthcare workers & medical personnel
- Patients who would like access to the records on the app from wherever they are
- Doctors who are not physically in hospital but need easy access to the patient's' medical records and files



Goals: Test Plan for Usability

1. General Navigation:
 - a. searching medications, completing basic medication forms
2. Enhanced searching of medications:
 - a. dose calculations, favoriting medications
3. Current medication list functionality:
 - a. improved form layout
4. Accessing the PDMP(Prescription Drug Monitoring Programs)
 - a. performing bulk actions on medications, searching for groups of medications.



Usability to Target Audience

- Usability is really important when it comes to making SAAS applications
 - Ease of use
 - Responsiveness
 - Easy to understand and navigate layout
 - Accessibility features to make sure most people can use the application



Usability to Target Audience



- Choice
- Readability
- Speed and convenience
- Security
- Optimization
- Personalization
- Interactive

Proposal Address Concerns



Concerns when transitioning to SaaS:

- Security and Data: When you give your data to a third party company you have no control on where the data lives.
- Connectivity requirement: If your internet service fails you won't have access to the data and information you need.
- Performance: The bandwidth on the server might not be able to manage a certain number of connections at a time.

Proposal Address Concerns

How to address this concerns:

- Do a thorough research of the company you are going hire. This will give you the information you need to make sure that your data is safe and stored in an appropriate place
- The best way to ensure that you do not lose your internet connection is by having 2 ISP. If your primary connection goes down you can access the secondary Internet connection
- Make sure to review and ask for changes in the contract to fit the needs of your company. You should know how much bandwidth and cloud storage you will need. So, make sure that the contract suits your requirements

Summary

1. SaaS applications target a wide audience, in this case it includes medical professionals to anyone who uses medical services.
2. Asking specific questions on usability will help increase performance.
3. Making sure that our application is easy to use and has features to make everything easier is important.
4. To avoid problems when transitioning to SaaS, make sure you do a thorough research of the company, get a second ISP, and review and pick the contract that best suits your needs.

Work Cited

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