
Software Requirements Specifications

Hawk+

Version 1.0



Revision History

Date	Version	Description	Author
10/1/2022	1	SRS First Iteration	Srikar, Asrar, Sarah, Sakkrya

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Introduction

- Purpose
 - o The purpose of this document is to describe the requirement specifications for a web application dealing with scheduling and managing appointments. The intended audience of this document includes the development team and respective administrators overseeing the web application.
- Scope
 - o The software system to be produced is a Web Application, which will be referred to as "JayHawk+" thorough this document. The Web Application will allow users to schedule and manage appointments with health care providers at Watkins Health Center. JayHawk+ will also allow users to view medical records and char with medical providers on a real time basis.

Overall Description

- Product Functions
 - o The main function of JayHawk+ is to allows users to schedule and manage appointments with health care providers at Watkins Health Center. Users will be able to login to a Web Application using KU SSO to view a calendar-based system, where users can view, book, cancel, appointments based on their needs. Administrators and health care workers can use JayHawk+ to view and update patient medical information along with viewing all scheduled appointments made by users.

Specific Functional Requirements

- JayHawk + provides a platform to be able to perform real time appointment scheduling
 - a. Users can view a calendar system, where they can the availability of health care works in a more intuitive manner, rather than scrolling through a bunch of bullet points and text.
 - b. The calendar viewing is based on user's schedule
- JayHawk + provides a notification system, where a user is notified whether appointment status is cancelled or not, or whether appointment status is confirmed or not
- JayHawk + will provide a patient dashboard system where medical records, documents, etc. are centralized for easy access.
- JayHawk + will also be designed to have a more appealing layout
- JayHawk + will also use SSO for authentication
- JayHawk + allows users to choose a specialization for a health care worker
- JayHawk+ allows users to view a pertaining doctor based on the availability
- JayHawk+ allows users to chat with health care providers on real time basis
- JayHawk+ allows users to change or cancel appointments
- JayHawk+ allows administrators and health care workers to view and update patient medical records
- JayHawk+ allows administrators and health care workers to view all appointments made by users

Classification of Functional Requirements

Functionality	Type
JayHawk + provides a platform to be able to perform real time appointment scheduling	Essential
JayHawk + provides a notification system, where a user is notified whether appointment status is cancelled or not. or whether appointment status is confirmed or not	Essential
JayHawk + will provide a patient dashboard system where medical records, documents, etc. are centralized for easy access	Desirable
JayHawk + will also be designed to have a more appealing layout	Essential
JayHawk + will also use SSO for authentication	Essential
JayHawk + allows users to choose a specialization for a health care worker	Essential
JayHawk+ allows users to view a pertaining doctor based on the availability	Essential
JayHawk+ allows users to chat with health care providers on real time basis	Desirable
JayHawk+ allows users to change or cancel appointments	Essential
JayHawk+ allows administrators and health care workers to view and update patient medical records	Essential
JayHawk+ allows administrators and health care workers to view all appointments made by users	Essential