**Software Requirements Specifications for J. Smith Medical (MedOffice 1.0)**

***Purpose:****The purpose of this document is to define and describe the requirements for MedOffice 1.0 -- to include a detailed description of functional, data, performance, usability  
requirements.*

***Intended Audience and Reading Suggestions:****This document is intended for the users of the system (employees of J. Smith Medical) and  
the developers (members of the GCU CST227 Development Team).*

***Abbreviations, Acronyms, Definitions:*** *Application = MedOffice 1.0 Application;  
Developer = GCU Development Team or any member of said team;  
Document = This System Requirements Document;  
Program or System = MedOffice 1.0 Application;  
User= J. Smith Medical employees and administrators;*

***Project Members****:*

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| *Aaron Fonseca* | *Software Developer* |
| *Gary Sundquist* | *Software Developer* |
| *Mathew Paschall* | *Software Developer* |
| *Robbie Evans III* | *Software Developer* |

***Questions****: List of questions to be asked to the client, as well as additional questions that arise in the requirements meeting.*

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| *Q-1* | *What is your budget and time frame for this application* |
| *Q-2* | *Are there any third party vendors we will need to integrate with?* |
| *Q-3* | *Is there any hardware that the application needs to integrate with? (e.g printers, medical equipment)* |
| *Q-4* | *Are there any existing forms that you are using that you would like to track in the application?* |
| *Q-5* | *Is the database and server going to be hosted internally or will it be cloud based?* |
| *Q-6* | *Will the end users be using their AD credentials to login to the application via SSO or will they be using different credentials?* |

***User Categories****: List the roles of all the individuals that will access the software (e.g., administrator, office manager, student, etc.) and what general functionality each role will need.*

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| *UC-1* | *Medical Receptionist* | *Inputs data from forms for client, schedule appointments* |
| *UC-2* | *Medical biller* | *Ins. Forms, billing* |
| *UC-3* | *Office Manager* | *Coords. Office staffing* |
| *UC-4* | *Medical Assistant* | *Inputting patient data and test results* |

***Product Overview****/****Statement of Functionality:***

*MedOffice 1.0 will allow the medical team at J. Smith medical to manage all internal tasks to include the management of patient records, test results, billing, and invoicing.*

***Functional Requirements****: Specific functional requirements and tasks that the software will need to perform.*

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| *FR-1* | *User login* | *User must login with their credentials for security purposes* |
| *FR-2* | *User Groups* | *Depending on the type of user logging in they will have access to certain features of the program. Ex. Medical Receptionist should not have the ability to edit staff scheduling.* |
| *FR-3* | *Patient information tracking* | *The application should track patient information such as full name, SSN, DOB, email, phone, ins carrier / coverage, previous / current medical history* |
| *FR-4* | *Obtain previous patient medical history* | *Ability to import a medical file containing previous medical history of a patient that may have previously attended a different doctor’s office.* |
| *FR-5* | *Test Results* | *User should be able to store and retrieve patient test results on demand.* |
| *FR-6* | *Reporting* | *User should be able to run a variety of reports*  *utilizing the application.* |
| *FR-7* | *Billing and Invoicing* | *User should be able to calculate patient bill and issue invoices* |

***Nonfunctional Requirements****: Include requirements that describe the quality of the software program to be developed (e.g., usability, reliability, performance, etc.)*

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| *NF-1* | *Platform Compatibility* | *Application will run on Windows and iOS* |
| *NF-2* | *Maintainability* | *System will be updated as new updates/versions become available* |
| *NF-3* | *Security* | *Application will not share user records or information* |
| *NR-4* |  |  |

***Constraints:***

*Constraints include the deadline for the document on 30APR2017. Final delivery of said system is scheduled for 04JUN2017.*

***Assumptions:***

*User may not reverse engineer, or otherwise modify system. Software is for the sole use of J. Smith Medical and may not be copied, shared, or licensed out to any other party.*

***References:***