

## SCHEDULE 2 - JOB DESCRIPTION

### Position Description

#### Senior Software Engineer

### Role — Purpose and Scope

The purpose of the role is to develop web applications within the ManageMyHealth digital health solutions.

### Salary Range

This position is full time (nominally 40 hours per week) and the salary offered will commensurate with experience.

### Key Result Areas

Key Result Areas or KRAS are the main functional tasks of the role on which your performance will be measured.

Key Responsibilities	Outcome	Performance Measure
Compile and write documentation of program development and subsequent revisions in C# .NET, VB.Net, inserting comments in the coded instructions so others can understand the program.	Software program/development documentation is comprehensively and accurately prepared for ease of understanding	Software program and development documentation
Prepare detailed workflow charts and diagrams that describe input, output, and logical operation, and convert them into a series of instructions coded in a computer language.	Workflow charts and diagrams are concise and follow a logical sequence for straightforward conversion into code	Workflow charts/diagrams and code
Write, update, and maintain software programs or packages to handle specific jobs such as storing or retrieving data, or integration with other non Medtech applications.	Software programs are continually updated and able to perform required functions	Software update schedules and feedback from Manager

Correct software errors by making appropriate changes and rechecking the program to ensure that the desired results are produced.	Software errors are remedied expediently and efficiently and tested for accuracy	Bug fixes, test scripts, version upgrades and feedback from Customer Services and Software Managers
Write, analyse, review, and rewrite programs, using workflow chart and diagram, and applying knowledge of computer capabilities, subject matter, and symbolic logic.	Software programs are analysed and rewritten or amended as required	Software program documentation, analysis/specifications
<b>Key Responsibilities</b>	<b>Outcome</b>	<b>Performance Measure</b>
Consult with managerial, engineering, and technical personnel to clarify program intent, identify problems, and suggest changes.	Appropriate staff are consulted with on a regular basis and problems are resolved collaboratively	Feedback from Customer Services, Software and Implementations and Training Managers
Perform revision, repair, or expansion of existing programs to increase operating efficiency or adapt to new requirements.	Software revisions, adaptations or repairs are carried out efficiently a	Software revision/analysis documentation and feedback from Manager
Keeping up-to-date technically and apply new knowledge to software programming.	Actively seeks to keep self-informed by way of ongoing education and/or training	Feedback from Manager
Ensure all current and new Medtech coding standards and the Software Delivery Lifecycle processes are followed.	All company procedures/policies with regard to software development are executed	Review of software development documentation and feedback from Software Product Manager
Ensure compliance with ISO and ISMS policies, service level agreements and procedures.	All policies are implemented and service standards are complied with.  Undergo training of ISO, ISMS and Microsoft Gold	Full compliance to the ISO and ISMS processes.  Be familiar with the ISO/ISMS training program.

	Partner processes where necessary.	
Undergo training and be totally conversant with internal systems such as CRM, ALM, SharePoint and Telephone systems.	Internal systems proficiency	Able to demonstrate proficiency and usage of CRM

### Projects or other duties

Objective — To carry out other duties which may reasonably be required by the Reporting Manager from time to time in the course of Medtech's business and which fit the role's purpose as stated and for which the position holder is qualified or has received adequate training or instruction.

### Health and safety

Objective: To ensure a safe and healthy working and learning environment is maintained at all times.

Key Responsibilities	Outcome	Performance Measure
Observe all Medtech Group's health and safety policies and procedures	Familiar with Medtech Group's health and safety policies and procedures	100% compliance to the health and safety policies and procedures
Ensure Support Consultants are fully briefed on Occupational Health and Safety Legislation and Regulations as per Company Policy and Procedures manual.	Support Consultants are informed and routinely updated on OSH safety requirements as per Company policy	Health and safety records are up to date

<p>Take full responsibility for one's own health and safety</p> <p>Ensure no action or inaction on one's own part harms others in the workplace</p> <p>Report hazards or accidents using the appropriate health and safety registers</p>	<p>Act responsibly and follow Medtech Group's health and safety policies and procedures</p> <p>Understand hazard identification and accident reporting protocols</p>	<p>Accidents and hazards are recorded in the relevant registers (follow Up where necessary)</p>
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## Person Specification

Part of what makes Medtech as successful as it is, are the highly motivated people who work here. An inspiration to your colleagues, YOU are a motivated senior software engineer with a proven record of success in the healthcare technology sector. With a committed motivation to getting things done, YOU always place Medtech's customers at the centre of everything you do. YOU will be a highly driven individual with a strong customer focus who is looking to join a pro-active and dynamic company and assist in leading them through a major growth period. YOU will be experienced senior software engineer with extensive web application development experience, 5+ years' experience preferred.

### Core Skills

- Minimum of 10 years of experience in full stack Web application development environment in Microsoft.NET platform
- Minimum 10+ years' experience working with Health IT solutions
- Proven experience in Health IT domains such as Patient Management, Electronic Referrals, Health Records and Care Planning
- Proven experience Using HTML 5/CSS 3/JS and Other Front-End Technologies
- Experience Building User Interfaces and Prototypes from Wireframes and Designs
- Knowledgeable of Web Application Development Frameworks (MVC, .NET)
- Strong understanding of responsive design with CSS frameworks
- Understanding of REST API development and JSON object construction
- Strong experience with transactional and back-end databases (MS SQL)
- Working knowledge of agile(Scrum) methodologies and test driven development
- Understanding of code versioning tools such as TFS.

### Core Technical Skills (Required)

- Minimum 10+ years' experience working with HL7 and HL7 CDA
- Minimum 10+ years web application development experience
- Proven experience with C#, MVC, ASP.NET, Web API
- Demonstrable experience on HTML5, JavaScript, CSS and SaaS applications
- Development experience in JavaScript, preferably Angular JS applications
- Exposure to Node, Angular 2, Typescript (Express JS and React would be a bonus)

### Technical Skills (Desirable)

- Knowledge and experience of Android and iOS app development frameworks

- Knowledge and experience integrating with Medtech32 or Medtech Evolution practice management systems
- Knowledge and experience in Hybrid mobile app Development frameworks
- Experience with UI/UX design with bootstrap, react etc.