**Business Requirements Document**

***for***

**Hospital Management System**

**Version # 1.0**

*Prepared for*

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# **DOCUMENT REVISION LOG**

<Suggested numbering convention:

*0 to 0.9 are for pre-Peer Review drafts; 1.0 is for an approved document from the Peer Review (review can be from either MFR or Vendor community)*

*1.0 – 1.9 is for the IT oversight; 2.0 is for an IT Oversight approved document*

*2.1 – 2.9 is for Client reviews; 3.0 is for a Client-approved document*

*3.1 – 3.9 is an IMB approved document.*

*A BRD with a version number of 4.0 has been thoroughly reviewed and is ready for a Statement of Work and/or Design Specification.>*

**Table 1 Document Revision Log**

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# **DOCUMENT REVIEWERS**

*<The Document Reviewers provide comment and validate the structure and content of the document for the purpose ensuring that key points of contact for the initiative have input or review. The review may not necessarily be specific to the detail but may view from context or presentation perspectives.>*

**Table 2 Document Reviewers**

| Name & Title | Role | Approval Date | Version |
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# **APPROVER & SIGNOFF**

*<In some cases, projects will have a number of key stakeholders who must discuss and provide interim approval for all, or specific sections of the BRD. However, there must always be at least one Client Acceptor who will ultimately approve the document, representing the requirements viewpoint of the business area addressed by the project.*

*Within project management and business analysis, the identification of the Client Acceptor is the key delegation. The delegation of Client Acceptor may be awarded to the same individual who serves as Business Area Project Sponsor.>*

**Table 3 Client Acceptor (Project Sponsor)**

| Name & Title | Role | Approval Date | Version |
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| Signature: |  | | |

# [**INTRODUCTION**](#_Toc229372572) **(Analysis Description)**

## DOCUMENT PURPOSE

The purpose of the Business Requirements Document (BRD) is to present the stakeholder requirements needs for Hospital Management System completely, accurately and unambiguously in a technology-independent manner. This information is captured and written by the Business Analysis team during the project Analysis phase. Business language is used to describe the requirements authored in this document and is the definitive specification of the user requirements. The BRD is the primary input to the design and development phases and is the primary specification for User Acceptance. This document is intended to be read by all responsible for the management of the project development initiative including business users, user representatives and sponsors, and other interested parties.

## DOCUMENT SCOPE

As determined during the Analysis phase of the project, the scope of this document is limited to describing the <Project> stakeholder business needs including stakeholder categories (*who*, e.g. primary and secondary users), the business data relationship map (*what*, e.g. data model), the event-response table (*when*, e.g. state diagrams), business policies (*why*, e.g. business rules), and the process map (*how*, e.g. use cases). The approved and signed version of this document will serve as the basis for subsequent phases of the project.

This document intends to define and describe the:

* Business requirements,
* User requirements,
* Use cases that support the business processes,
* User profiles and locations,
* Business processes and rules,
* Functional requirements,
* Non-functional requirements,
* Data requirements,
* Requirements baseline and traceability,
* Future considerations,

This document does not include:

* Technical and design specifications – these will be provided in the next phase of the project as part of the system design documentation
* Descriptions of functionality, interfaces or requirements of processes outside of the business area
* Detailed analysis of requirements related to other applications, and
* Out of scope requirements>

Functional Requirement:

1. Patient and Doctor Registration and Management

> The system should allow new registration of patients and doctors as well as manage the existing one. This includes taking the basic information like name, age, gender and birthdate. The system also allows users to update and delete records.

1. User Authentication and Role Management

> The system should provide user authentication and role-based access control to ensure that only authorised personnel can access specific features and patient information. Roles might include administrators, doctors, nurses, and receptionists.

1. Doctor’s Dashboard

> The system should provide a dashboard for doctors, displaying their

schedule, patient’s appointment, etc.

1. Bed/Room Management

> The system should allow the hospital to track all bed/room availability,

indicating whether a bed/room is occupied, vacant, or reserved. This information should be updated in real-time as patients are admitted, transferred, or discharged.

1. Equipment Usage

> The system should allow the hospital to monitor, track, and manage

the usage of equipment.

1. Billing and Invoice

> The system should be able to generate bills and invoices for all the

services the patients provided.