Johnson & Johnson TECHNOLOGY (JJT)

JNJ
dsa CD DESIGN SPECIFICATION *<Optionally, the application name can be added for clarity if needed.>*
<DELIVERABLE ID> *<Deliverable ID is the unique identification the document will have as a record for traceability purposes. It is also vital information for any Configuration Management practices that may apply to the project. Please refer to the 'Identifying Project Work Products' guideline in order to define the Deliverable ID.This field can be deleted if equivalent mechanisms are in place to uniquely identify records.>* VERSION: 0.0

ROLE	NAME AND TITLE	SIGNATURE AND DATE
AUTHOR:		
[AS PER THE COMPLIANCE PLAN]		
REVIEW AND APPROVAL:		
[AS PER THE CONFLUENCE PLAN]		
[AS PER THE CONFLUENCE PLAN]		
[AS PER THE CONFLUENCE PLAN]		
[AS PER THE CONFLUENCE PLAN]		

Table of Contents

1. PURPOSE

The Design Specification is the technical details of the design and implementation strategy for the MySystem contents of the Requirements Specification. All subsequent code development, databases, user-machine interfaces, etc. are based upon the details found in the DS.

// Describe in concise and specific terms the purpose of the document as it relates to the project and/or system, including its objectives. Wherever "System Name" occurs, it stands for the system, instrument or product name. Supply the proper term. //

2. SCOPE

<State the purpose of the application or intended use. Identify whether the application being developed is an independent one or is part of a larger application or project. If it is not an independent application, provide a brief description of the larger application or project and specify how the new application will interface with it.>

3. DEFINITIONS

<List any definitions/acronyms/abbreviations, specific to this project, used in this document that may not be familiar to reviewers and approvers of this document.>

Term / Acronym	Definition

4. REFERENCES

<List the approved and controlled documents that are being referred in this document with their unique document identifier.>

Document ID	Title

<If required to provide more details it is suggested to add more sections below as necessary>

5. DESIGN CONSIDERATIONS

5.1 DESIGN DECISIONS

6. SYSTEM ANALYSIS

6.1 ARCHITECTURE DIAGRAM

<Create a detailed Architecture Diagram (or diagrams) and insert here. Include diagrams for each applicable operating environment, including development, staging, quality assurance, and production. The diagram(s) should include the hardware, software, and network infrastructure components that meet the requirements specifications and elaborates on the Architecture Design, if applicable. If this solution is a change or enhancement to existing infrastructure, clearly identify the changes being made to the existing design.>

<Uniquely identify infrastructure components and component groupings, so that when this document is complete, a reader can easily navigate between the Architecture Diagram, the Detailed Architecture Design Description, and the Infrastructure Components.>

7. DATABASE DESIGN

<List the database table information along with their column name, relationship, etc., as applicable. This section can be replaced with the output from the database modeling tool(s).>

7.1 DATABASE TABLES

7.1.1 <Table 1>

<Complete details in Table 1 in a tabular form, clearly specifying the Primary Keys, Data types, Constraints, Nulls allowed, Default values, Description, etc., if applicable.>

Table 1: <Table 1>

No	Constraints (PK/FK)	Column Name	Data Type	Column Length	Can Column be NULL?	Default Values	Description

8. DESIGN SPECIFICATION AND DEVELOPMENT APPROACH

<List the decisions, considerations, and constraints related to design and development approach.>

8.1 APPLICATION DESIGN

<Define objectives and constraints for application design:

- Global routines

- Handling boundary conditions

- Common messages

- Allocation of sub-systems identified in the Architecture Design document to processes/tasks

- Concurrency or such other non-functional requirements and its impact on the design

>

9. REVISION HISTORY

<Use the table below to track changes made to the document. Be sure to include the date the document was created/updated. Be sure to sufficiently define changes to facilitate version review and document update approvals.>

Version	Date	Author	Change Description
			<Add revision history starting here>

Instructions for Use

Guidance for creating documents or templates from this template:

- Always start with a fresh template. Do not use a locally stored template or existing Document as a starting point.

- Use Advanced Properties to provide values for the fields defined. Provide values for all the fields defined in the lower portion of the display (properties). Then select the entire document and press F9. This will populate the fields throughout the document with the customized values. To convert field values to regular text, select and type Ctrl-Shift F9.

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- Provide general instructions for use within your template; be sure to include instructions to remove all the Template Instruction text. Also see above on shading fields.

Formatting requirements for Templates:

- Minimize section breaks; they confuse people. Also some older printers have problems when switching between landscape and portrait layouts.

- All tables have their heading rows(s) set to repeat at the top of each page.

- Use Paragraph spacing (Page layout| Paragraph | Spacing) to put blank spacing between paragraphs. Do not use empty paragraphs to provide the blank space as it makes orphan and widow control impossible.

- Do not hardcode page breaks unless the page break will occur in that spot on every instance of the document (such as before Section 1). Use Page Layout | Paragraph | Lines and Page Breaks | Page Break Before when page-breaking before a heading, for example.

- Use Styles to change fonts, spacing, etc. when possible. It makes it easier to change consistently later.

Please, refer to the 'Identifying Project Work Products' guideline in order to define the deliverable ID.