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# 

# Overview

The Functional Requirements Specification (FRS) will outline all the requirements that pertain to the Dablexa -Smartpack Website to be built using Adobe Experience Manager platform.

The AEM web content management system is a PaaS solution. This system is classified as Non-Regulated system.

Note: This system is classified to be of the type COTS, configurable.

## Purpose

The purpose of the Functional Requirements Specification shall be to define the functional requirements for Dablexa -Smartpack site. The intended audience for this document shall be Project Team Members, and System Owner/Users who participate in the implementation, user acceptance and administration of this application.

## Scope

The scope of this document is limited to the functional requirements for creation of Dablexa -Smartpack website onto AEM platform.

Out of Scope:

* Search in footer is not required
* Classic UI support is not required
* No Data Migration required
* No security changes required
* No Interfaces Impact
* No SOX Impact
* No Privacy Impact
* No Security Impact
* No User Training required
* No Performance Testing required
* No decommissioning required

## Acronyms and Definitions

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| Term | Definition |
| AEM | Adobe Experience Manager, the product group that Adobe belongs to and the product offering for the AIS platform |
| AIS | Abbott Internet Services, the functional area of BTS |
| AEM Component | AEM code that renders content and/or provided functionality. Used to create web pages |
| COTS | Commercial off the Shelf |
| Content Author | Author has privileges to add/edit content in each component that will be displayed on the website. |
| CMS | Content Management System |
| CTA | Call-To-Action |
| DAM | Digital Asset Management platform which acts as a central hub for organizing, storing, and retrieving rich media for AEM. |
| FRS | Functional Requirements Specification |
| GSA | Google Search Appliance |
| FRS | Functional Requirements Specification |
| MRL | Medical, Regulatory, and/or Legal (approval). The process in which marketing must complete before a digital asset can be released for public consumption. |
| OOTB | Out of The Box |
| SOW | Statement of Work |
| SEO | Search Engine Optimization |
| GTM | Google Tag Manager |
| Author | Author has privileges to add/edit content in each component that will be displayed on the website. |

## References

| **Document ID** | **Document Version** | **Document Title** |
| --- | --- | --- |
| BTSQC09.05 | v4 | BTS IT Computerized System Life Cycle |

# Overall Description

Dablexa -Smartpack website built on Adobe Experience Manager. This document consists of functional requirements that are essential while building the website.

## Application Perspective

### Memory

N/A

### Operations

N/A

### Site Adaptation Requirements

N/A

## Application Features

The Dablexa -Smartpack pages will be created based on excel data provided by the customer. Author can edit and modify the data by using AEM dialogue at later point of time. User can see multiple tabs with medical data and on clicking of each tab accordion user can see accordion. Each accordion will have images/video’s sliding and medical data.

## User Characteristics

* End users – those who will access the Dablexa -Smartpack website.
* Content authors – those who will manage the Dablexa -Smartpack website through Adobe Experience Manager. The system shall have the ability to store Abbott Email ID’s. Author privileges will be assigned based on those ID’s.

## Constraints

N/A

## Assumptions and Dependencies

N/A

## Apportioning of Requirements

All the requirements outlined in this document shall be completed in the current phase. Additional requirements identified during the development and testing phase will be evaluated and the proper course of action will be determined at that time.

# Specific Requirements

Requirements listed in this section have been assigned a requirement number and are testable requirements.

## Interface Requirements

### User Interfaces

These features shall be available in the system:

* The System shall be viewable on internet connected mobile devices.
* The look and feel on mobile will be different from that of the desktop version.
* The system shall be supported on iOS and Android Tablet and Mobile devices.
* The System shall be supported as per the device matrix below

|  |  |
| --- | --- |
| **Abbott Digital Standard Device Matrix** | |
| **Viewport** | **Device/Browser** |
| Desktop | **Windows:** IE 11 and EDGE  **Firefox** (latest/ supported versions) **Chrome** (latest / supported versions  **Mac:** Safari on Mac (Sierra.) |
| Tablet | **iOS:** Safari app on iPad 4 or iPad Air 2 (iOS 11.2.1) **Android:** Chrome app (latest ver.) on Samsung S2 (Nougat) |
| Mobile | **iOS:** Safari app on iPhone 6 or later versions (iOS 11.2.1 or later versions) **Android:** Chrome app (latest ver.) on Samsung S8 (Nougat) or Similar device |

### Hardware Interfaces

The website should be accessible by users through desktop computers or hand-held devices such as smart phones and tablets.

### Software Interfaces

N/A

### Communications Interface

N/A

### Internal Interface Requirements

N/A

### External Interface Requirements

N/A

## Internal Data Requirements

N/A

## Functional Requirements

### Global Elements

#### Header

| **FRS ID** | **Functional Specification Description** | **Criticality** |
| --- | --- | --- |
| FRS-3.3.1.1.1 | The system shall display the Dablexa -Smartpack logo Abbott logo mage on the header. On clicking the logo, the user shall be navigated to the corresponding page. | Non-Regulated |
| FRS-3.3.1.1.2 | The system shall display the Abbott brand logo image on the header. | Non-Regulated |
| FRS-3.3.1.1.3 | The system shall display background image and text in the header. | Non-Regulated |
| FRS-3.3.1.1.4 | On scrolling down the page, the background image should stick to the page. | Non-Regulated |
| FRS-3.3.1.1.5 | The system shall allow content author to update Abbott logo, background image and image text | Non-Regulated |
| **Mobile/Tablet Devices** | | |
| FRS-3.3.1.1.6 | The system shall display the Abbott brand logo image on the header. And text should be center aligned in mobile view. | Non-Regulated |

#### Footer

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| --- | --- | --- |
| **FRS ID** | **Functional Specification Description** | **Criticality** |
| FRS-3.3.1.2.1 | The system shall display the Abbott logo image on the left side of footer | Non-Regulated |
| FRS-3.3.1.2.2 | Author should be able to provide multiple footer labels and corresponding links | Non-Regulated |
| FRS-3.3.1.2.3 | The system shall allow content author to update Abbott logo and links in the footer. The Author can also add more links and remove existing ones. | Non-Regulated |

#### Tab Component

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| --- | --- | --- |
| **FRS ID** | **Functional Specification Description** | **Criticality** |
| FRS-3.3.1.3.1 | Tab Component should allow author to add multiple tabs. | Non-Regulated |
| FRS-3.3.1.3.2 | Component will dynamically add accordion corresponding to each tab | Non-Regulated |
| FRS-3.3.1.3.3 | Author can add multiple accordions items and images corresponding to each accordion item | Non-Regulated |
| FRS-3.3.1.3.4 | When user clicks on a tab, corresponding accordion should show up expanding first accordion item | Non-Regulated |
| FRS-3.3.1.3.5 | Each accordion item has a text with read more and read less button and image slider. Image slider should not appear when there are no images authored | Non-Regulated |
| FRS-3.3.1.3.6 | On clicking the Read more button, system shall display entire text. | Non-Regulated |

### Website Requirements

#### Product Page

|  |  |  |
| --- | --- | --- |
| **FRS ID** | **Functional Specification Description** | **Criticality** |
| FRS-3.3.2.1.1 | The system shall display the following sections to the user in the Dablexa -Smartpack Product page:   * Header * Tab component with multiple accordions and images * Footer | Non-Regulated |
| FRS-3.3.2.1.2 | Data of all tab components is loaded with utility for the first time from excel sheet provided. All components are authorable and can be modified by the content author. | Non-Regulated |

### GTM and Site Catalyst

|  |  |  |
| --- | --- | --- |
| **FRS ID** | **Functional Specification Description** | **Criticality** |
| FRS-3.3.3.1 | The system shall track all default key metrics offered by these tools.  [Basic Page Views, Time spent per visit tracking etc. are part of basic Google Analytics implementations] | Non-Regulated |

### Content Management

|  |  |  |
| --- | --- | --- |
| **FRS ID** | **Functional Specification Description** | **Criticality** |
| FRS-3.3.4.1 | The system shall allow the content authors to login to the author instance using their 511 IDs | Non-Regulated |
| FRS-3.3.4.2 | The System shall allow the content authors to add /edit/delete content in the components of the website pages | Non-Regulated |
| FRS-3.3.4.3 | The system shall allow the content authors to add /edit/delete the page properties of the website pages | Non-Regulated |
| FRS-3.3.4.4 | The system shall allow the content authors to upload the web assets (PDF, Images, icons, Documents, etc.) in the DAM | Non-Regulated |
| FRS-3.3.4.5 | The system shall allow an author to publish and un-publish pages | Non-Regulated |
| FRS-3.3.4.6 | The system shall allow an author to clear the AEM published website cache | Non-Regulated |

## Report and Form Requirements

N/A

## Performance Requirements

N/A

## Database Requirements

N/A

## Regulatory Requirements

The system is classified as a Non-regulated website and will follow QC09.05 for Non-Regulated Systems.

### Change Control and Electronic Signature Requirements

All documents and Electronic Signatures will be stored in M-files.

### Other Regulatory Requirements

N/A

## Software System Attributes

### Reliability

There are no reliability requirements.

### Availability

There are no availability requirements.

### Security

* The system shall have the ability to store the Abbott 511 User ID of the Content Manager. This user will have the OOTB Role “Content Manager” within Adobe AEM assigned to it. This feature is OOTB from Adobe AEM.
* The website will be available for everyone on the internet.

### Maintainability

There are no maintainability requirements. The system is commercial-off-the-shelf (COTS) and configurable software.

### Portability

There are no portability requirements.

## Hardware Requirements

There are no hardware requirements.

## Safety Requirements

There are no safety requirements.

## Communications Requirements

There are no communications requirements.

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