Documents

Specification

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# Product Brief

The DOCUMENTS section of the site is a secure store for documents. The user can upload, view, download, and annotate various documents (e.g. lab reports, lab images (e.g. xrays), etc.)

The user can also generate a report for a period of time, that contains all documents in that period, as well as any additional metrics that the user decided to show. This itself is saved as a HEALTH REPORT document.

# Specific Requirements

1. The storage for all documents is guaranteed to be secure and encrypted.
   1. Deletion should take the document to the Recycle Bin.
   2. Deletion from the Recycle Bin is final.
2. A document can be any document file (PDF, DOCX, XLSX, image, movie, etc.)
3. When a document is uploaded, we recognize its format (PDF, DOCX, XLSX, etc) and display a nice image indicating the format of document.
4. The image that we display should contain 2 things – the type (see below) and the format. The type is the more important information
5. The user must provide the following information for every document:
   1. NAME – by default the name is the same as the name of the uploaded document, without the extension, but it can be changed. This is a required field
   2. DATETIME -- by default the datetime pf the upload, but it can be changed
   3. TYPE – the type of the document. The user should be able to choose from the following types:
      1. Consent and Assent Form
      2. Health Report
      3. Insurance Report
      4. Medical Diagnosis
      5. Medical Image
      6. Medical Test
      7. Prescription
      8. Other
   4. DESCRIPTION – any additional notes that the user wants to save. This is optional
6. The user can change individual documents. Delete, edit document information, etc.
7. The user can view and print individual documents
8. The user can download individual documents or a bunch of documents. When a bunch gets downloaded they get downloaded as a ZIP file.
9. The user can search for a document, or show documents for a specific time period
10. The user can filter by TYPE
11. The user can generate a REPORT, which contains documents from a filtered view (e.g. all document for the past 1 year) and can print this report (e.g. to take it to their doctor).
    1. The report can contain selected charts / metrics for the same period too.
    2. The report itself is saved as a PDF to the store with a name **Health Report (2019.01.01 – 2019.05.01).pdf** to the document store. It’s of type “Health Report”.