

# Cardzo – Document Tools App

## Document Tools & EBookReader

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# Introduction

The Cardzo app will give the user pretty much every features regarding managing documents like converting, creating, viewing documents along with an epub reader to make it easy to read books from our smartphone device.

# Project Objective

**To create an interactive android app which provides :**

- A Document Scanner to create pdfs from images
- Document tools like Convertor, Compressor, etc..
- Ebook Reader

# DocScanner

## Functionalities :

- Creating a document from given image
- Displaying PDF Documents
- Allow User to share the created documents

# DocTools

Functionalities :

- Compress Documents
- Convert Documents to Another Format
- PDF Splitter and Joiner

# EReader

## Functionalities :

- Display Epub formatted Ebooks
- Provides Night mode
- Other functions like adjusting scroll and font size

# Translator Module

Functionalities :

- Getting Text from Typed Images using OCR
- Translation of the text to other languages



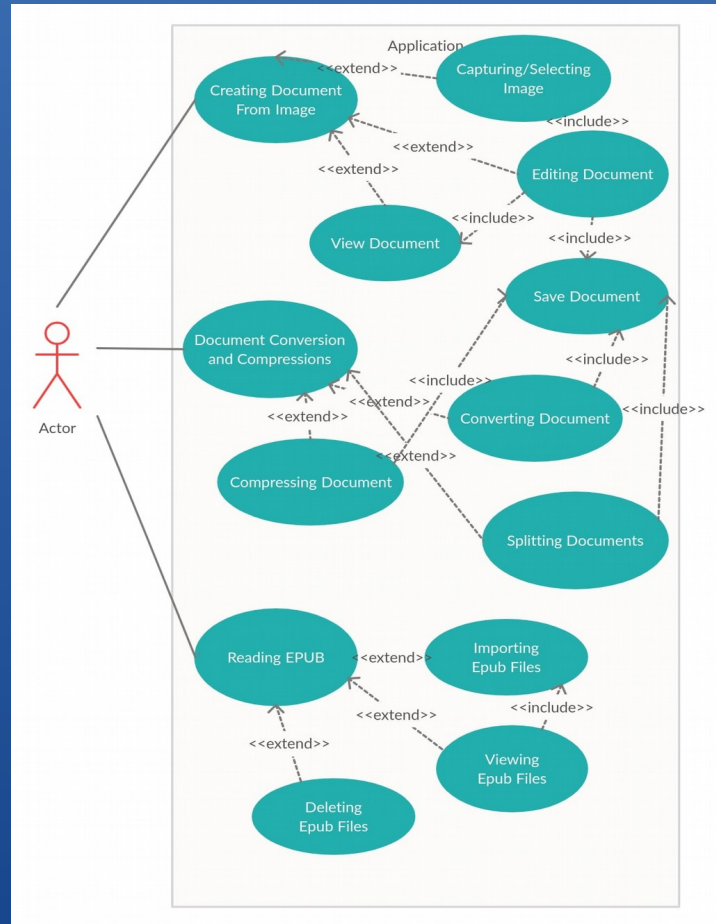
# Software Requirements

- **Platform :**
  - Android
- **Operating System :**
  - Android – Version 6.0 above ( API 23 above )
- **Hardware :**
  - Smartphone should have camera
  - at least 2GB RAM

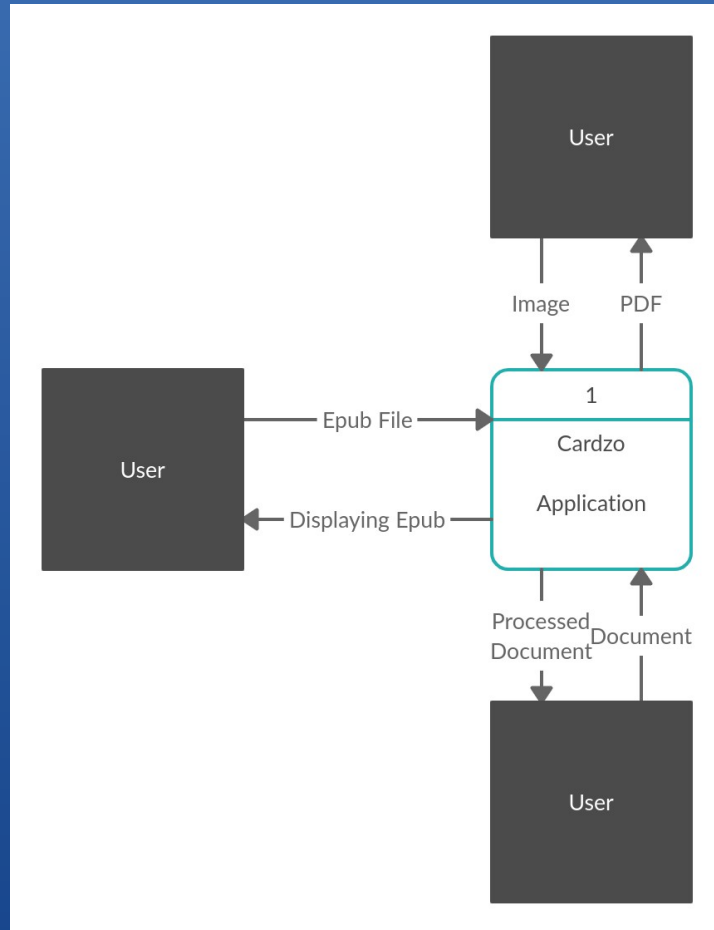
# Software Requirements

- Android SDK 23
- Android Studio
- Flutter SDK
  - Permissions Needed
    - Camera Access
    - Network Access

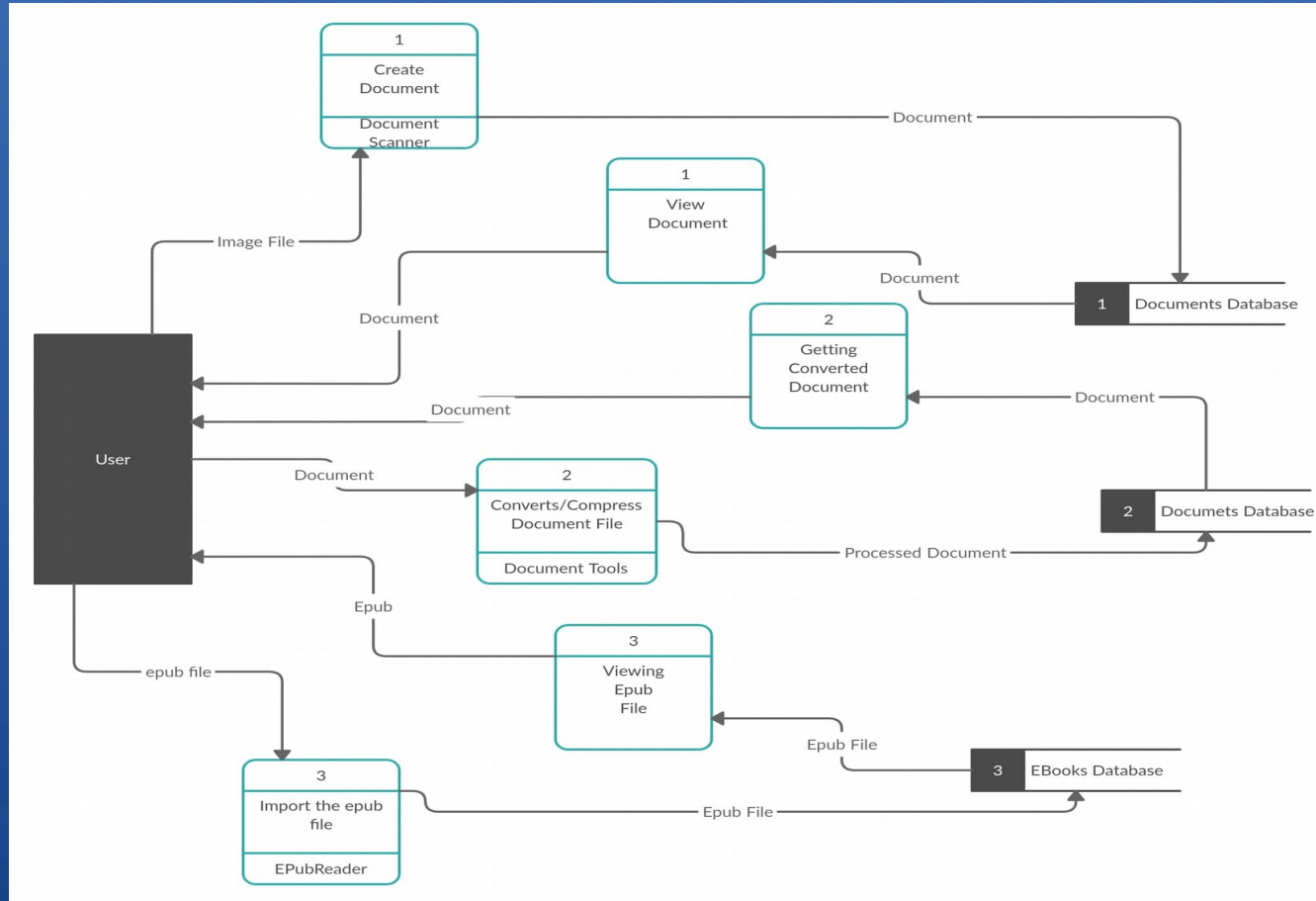
# UseCase Diagram



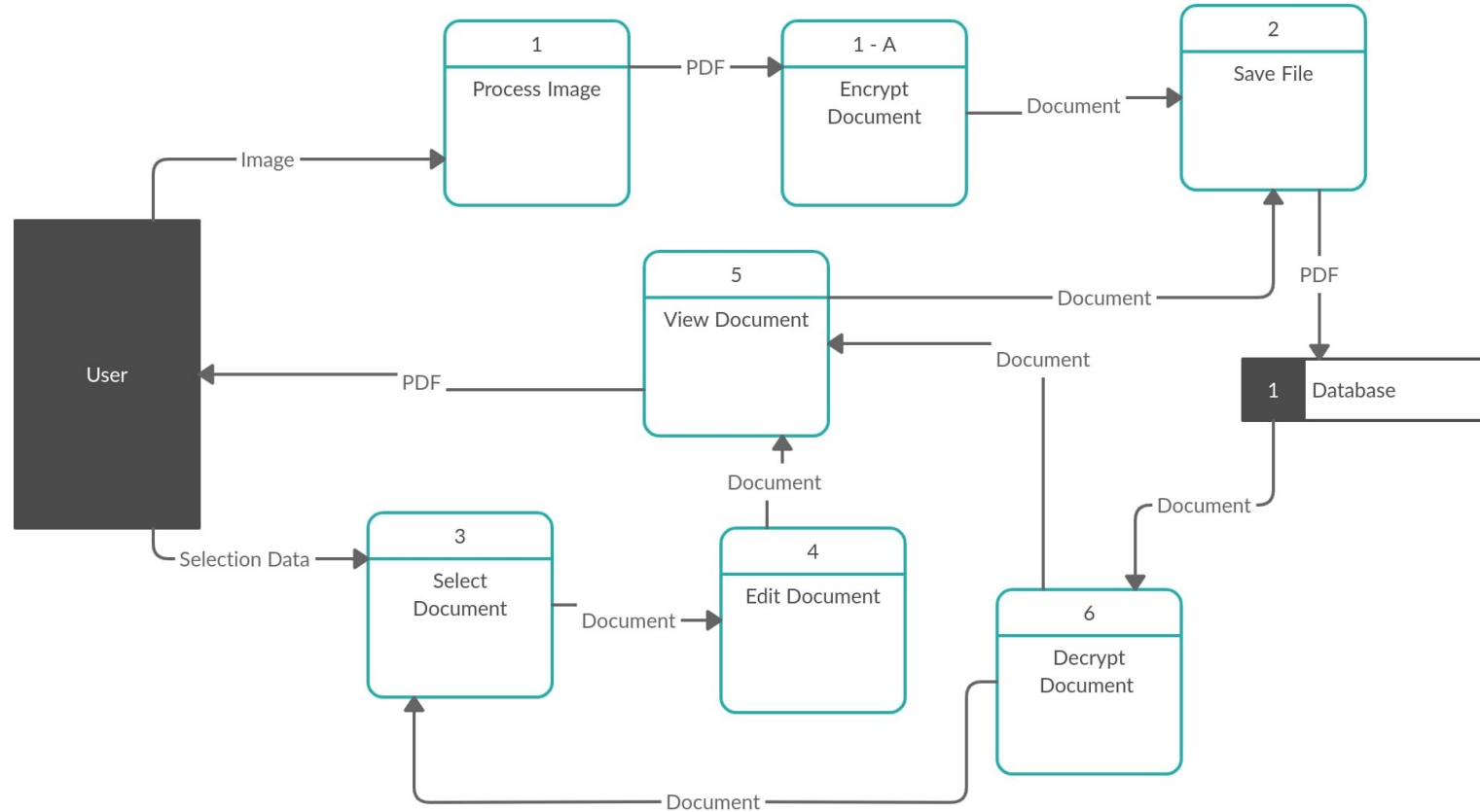
# Context Diagram



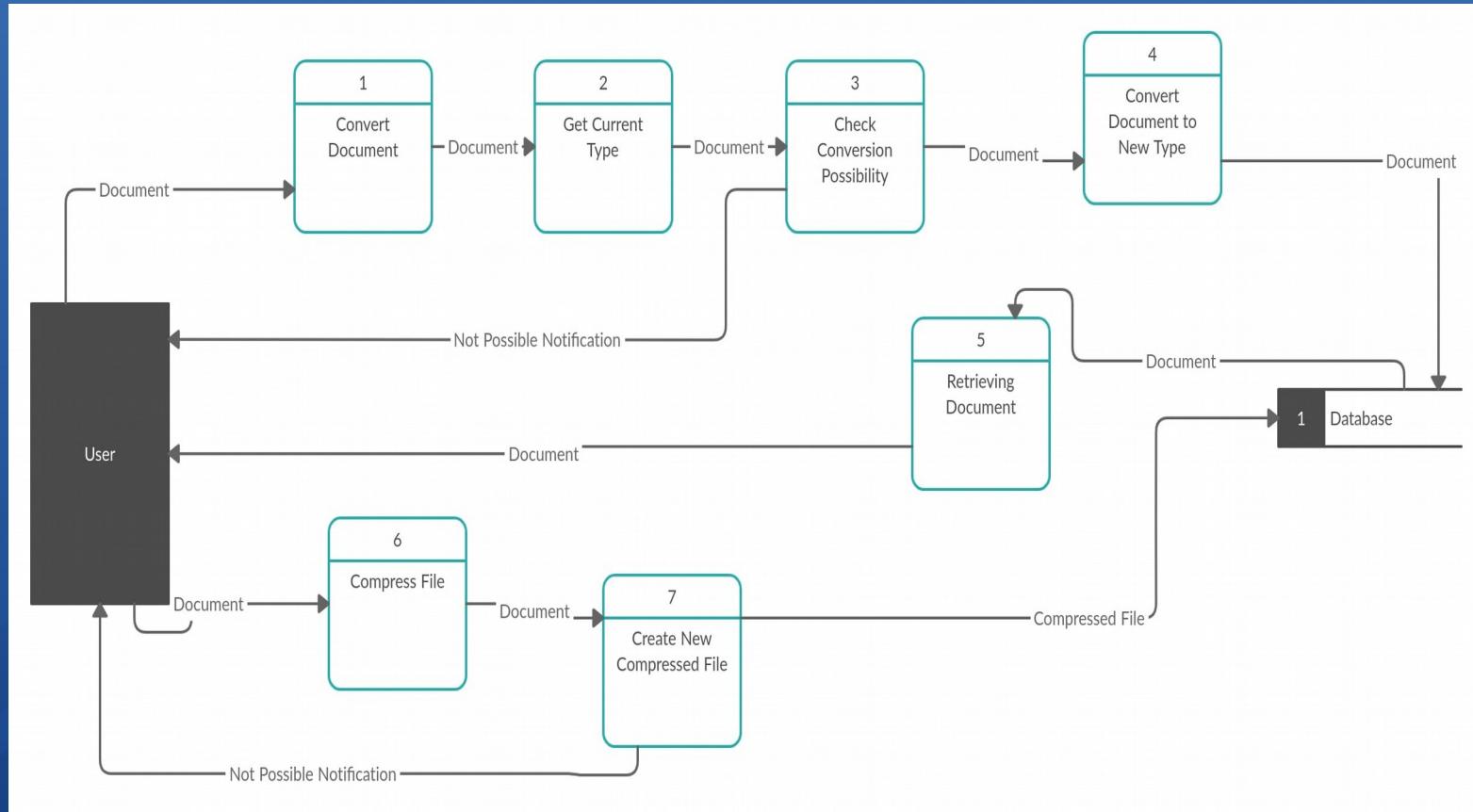
# Level 1 Diagram



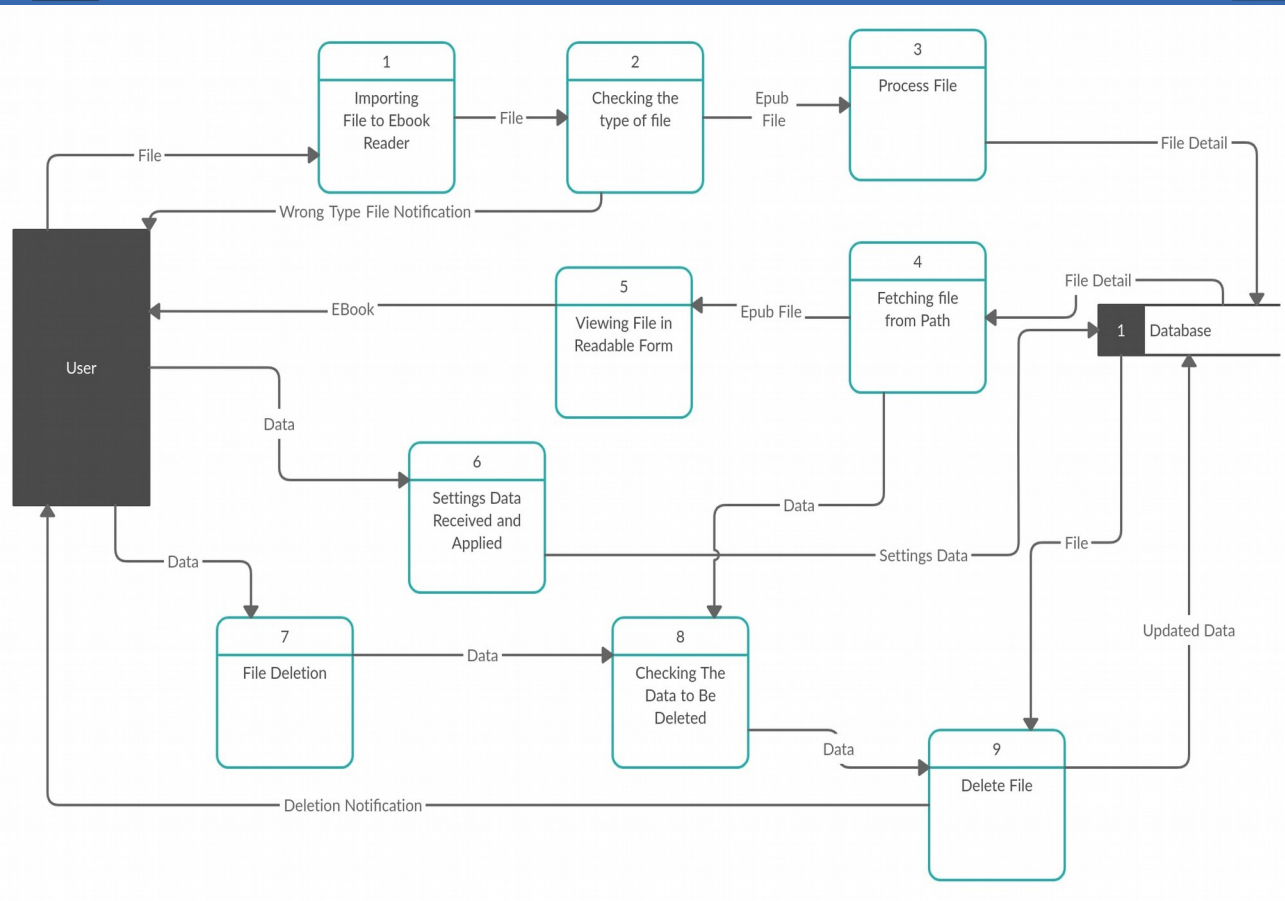
# DocScanner



# DocTools



# EReader







**THANK YOU**

