

Synopsis

Project Topic: - PDF Maker

Project Group Member:

1. Kapil Kumar (181500308)
2. Pratibha Sharma (181500499)
3. Vaishnavi Chaurasia (181500777)

Project Supervisor: Neeraj Khanna

General Introduction: In this digital era, everyone wants to store their data which should consume less amount of storage as well as retrieval of data should take less time. They want their files to be in a compressed format that can be easily shared as well as uploaded. Nowadays everyone wants to share their data without any discrepancies and that is possible with our android application so We aim to fulfill these requirements with our android application. For example, if a student wants to send the image of pages of the same book, if he will send each page it will confuse the sender as well as the receiver and it will take much time to download each page and put it in a sequence. Through this application, users can store their images in one PDF and can share them easily within less time and in a sequenced manner. Our application will be used for professional purposes. It will help users to secure their documents in one place. Whereas if we are talking about assignment solutions given by college students that data must be in a pdf file because this is the only file format which is supported by their portals and it's very easy to upload the data using pdf files.

Area of computer science: This project is about exploring areas in computer interaction and Application development, and therefore relevant to a number of areas within computer science.

Problem Statement: We have created a mobile-based Android Application. We have developed a single-platform free application that can convert image files into PDF files. It can only run on android mobiles.

We planned to develop this app due to some problems:-

1. **Storage-** Users want fewer storage files in their mobile phones so they prefer compressed documents in spite of a bunch of images.
2. **Accuracy-** Compressed documents (PDF) are very helpful in professional as well as Student Life.

Compressed documents (PDF) are very helpful in professional as well as Student Life.

- a. As a student, the books issued in the library can not be carried by them outside the campus after the time limit of 10-15 days, so they prefer PDF's instead of books.
 - b. As a professional guy, it's not easy to remember every information related to their job or to carry important documents handy so they prefer compressed documents like PDF as it is secure and lightweight.
3. **Redundancy-** Users want one-click share and download in spite of sharing individual images of similar content or type one by one.

4. **Consistency-** Users want their important documents to be in one place whenever they search for them. So, our application would be the best platform to put all important images in a document and create different folders for them
5. **Security issues-** Data must be stored on a secured platform. One of the security features can be a password-protected file. So, PDF is a trustworthy document that provides a facility to protect their data by using their own passwords.
6. **Shareable-** Users can share their PDFs through Whatsapp, Bluetooth, Easyshare, Instagram, and other shareable devices.

Tools required:

Ø Hardware Requirements:

- Android Phone
- Laptop
- USB Cable

Ø Software Requirements:

- Android Studio

Ø Technologies:

- Kotlin
- XML

Signature of Project Supervisor: _____