

File Pro Desktop App

Description

- 1) The proposed mobile app which goes by the name of “File Pro Desktop Rev Edition” has the potential to solve day-to-day problems of PDF Operations for users belonging to all work backgrounds. The user can either be a Student or a Working Professional.
- 2) The base purpose of this system is to meet the increasing need for PDF Operations as PDF is considered to be the most portable and widely-used file format which can be shared across different operating systems and devices. It is beneficial to have a hassle-free system that provides you with the right set of conversion tools to create the quality PDF you need.
- 3) This stateful system automatically remembers the settings you change which allow you to use the same set of conversion settings you have used previously.
- 4) The system is designed to be operated natively on your Android/iPhone with minimal system resources and absolutely no need for an active internet connection. All the conversion operations are done in offline mode to reduce the potential risk of data theft.

Problem Statement

- 1) It is a big hassle to convert documents online as it takes much network bandwidth, is also slow as the file needs to be uploaded and downloaded. Also, it is costly for metered connection users.
- 2) Uploading documents online exposes a great security vulnerability as there is a possibility of data theft.
- 3) Available free systems have very few features and the paid ones are too costly.
- 4) Majority of the systems lack clean and modern-looking UI which isn't attractive at all. Having too many options on the main screen confuses the user what should be the flow of operation which defeats the entire purpose of User Experience Design.
- 5) Allowing the user to select only valid documents extension will reduce the time it takes to select the file by the user.
- 6) The system should be able to convert and store documents directly on the phone's storage.
- 7) The App needs to be stateful by design as settings modified by the user should be remembered.

Research

Survey Form Questions

PDF Pro User Survey Form

Before continuing please tell us about yourself.

* Required

Email *

Your email

Your Good Name? *

Please follow the naming convention (FirstName LastName)

Your answer

You describe yourself as? *

Student

Teacher

Working Professional

Other: _____

What all PDF Operations you are expecting from our App (Please select at least 5) *

- Lock PDF
- Unlock PDF
- Compress PDF
- Watermark PDF
- Rotate PDF
- Merge PDF
- Split PDF
- PDF to Image Format
- Image Format to PDF
- Numbering PDF Pages
- Remove PDF Blank Pages
- Extract PDF Images
- Other: _____

How many PDF documents do you convert daily? *

- 0-1
- 1-2
- 2-5
- 5-10
- More than 10

Do you wish to convert multiple files at once? *

- Yes
- No
- Maybe

Which of our competitors did you consider before choosing us? *

- Smallpdf
- iLovePDF
- Soda PDF
- Aspose Online Tool
- Other: _____

Can you name any feature that our competitors are missing?

Your answer

How often do you feel the need to convert your PDF Documents? *

- Extremely Often
- Often
- Neither often or seldom
- Sometimes
- Rarely

In what mode you wish to use our app? *

- Desktop App
- Web App
- Mobile App

What kind of UI please you the most? *

- Traditional
- Modern

Are you a fan of Minimal UI Design? *

- Yes
- No
- Maybe

Which type of theme/mode would you prefer? *

- Light Mode
- Dark Mode
- Both

If we had premium plans would you consider buying them? *

- Yes
- No
- Maybe

What kind of premium plans would you like to buy? *

- Pay per document
- Weekly Plan
- Monthly Plan
- Annual Plan

What kind of discounts would attract you the most to buy our plans? *

- Coupon Codes
- Seasonal Discount
- Promotional Discount
- Other: _____

Survey Form Responses

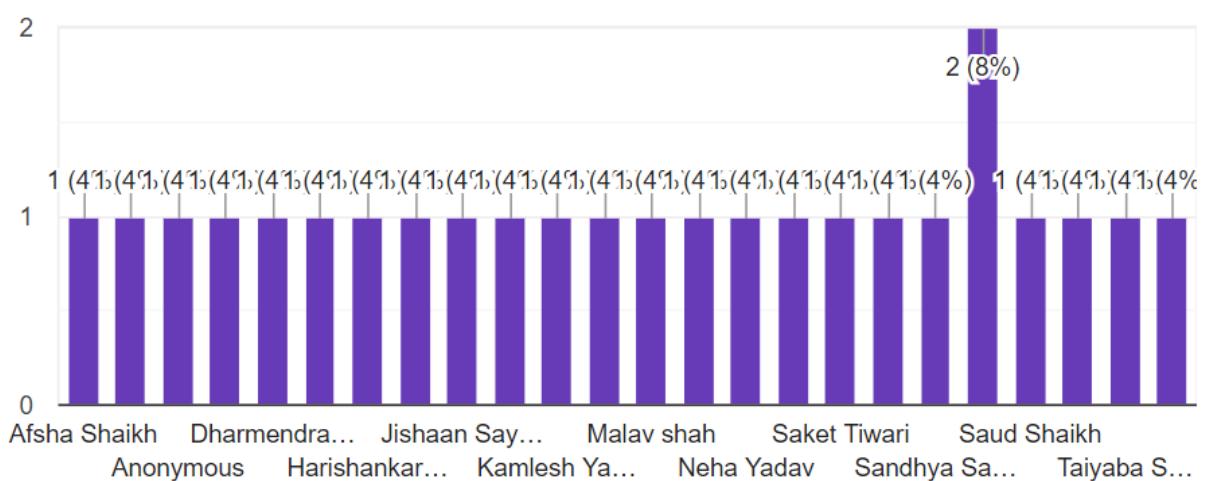
PDF Pro User Survey Form

25 responses

[Publish analytics](#)

Your Good Name?

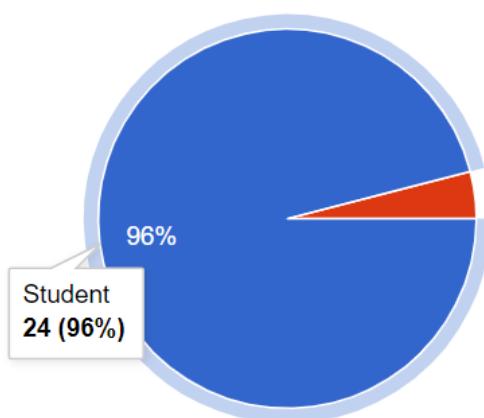
25 responses



You describe yourself as?

25 responses

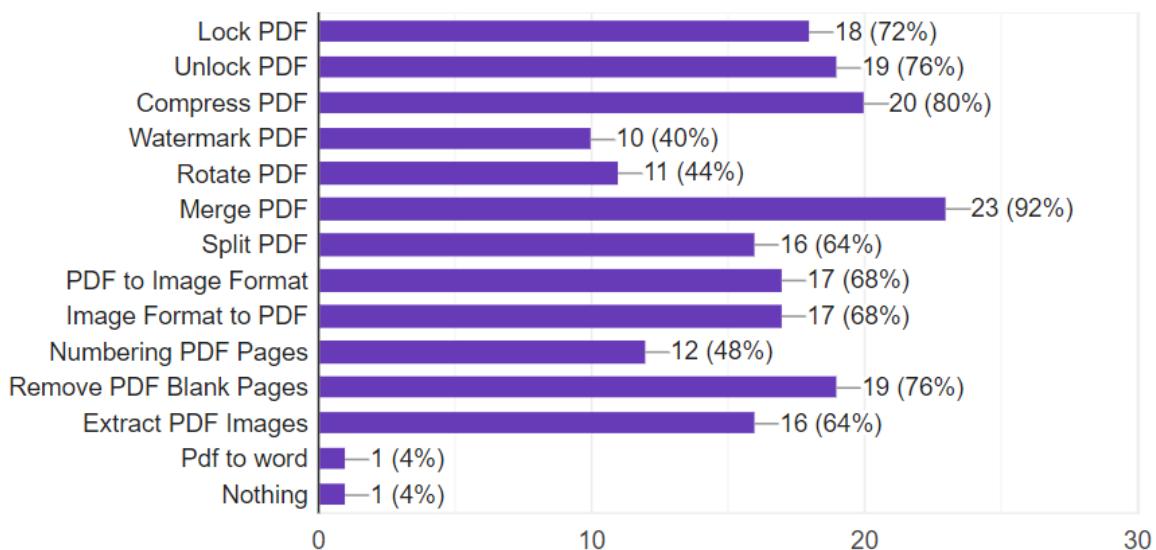
- Student
- Teacher
- Working Professional



What all PDF Operations you are expecting from our App (Please select at least 5)



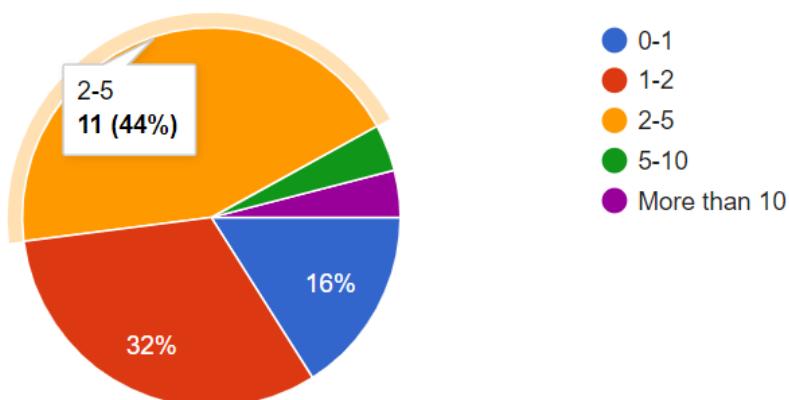
25 responses



How many PDF documents do you convert daily?



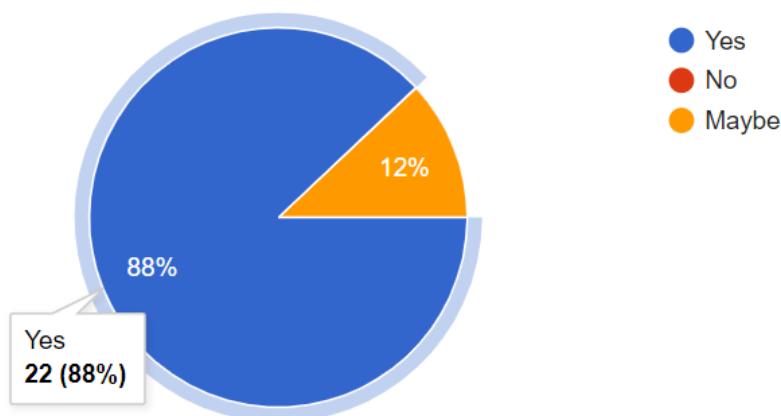
25 responses



Do you wish to convert multiple files at once?



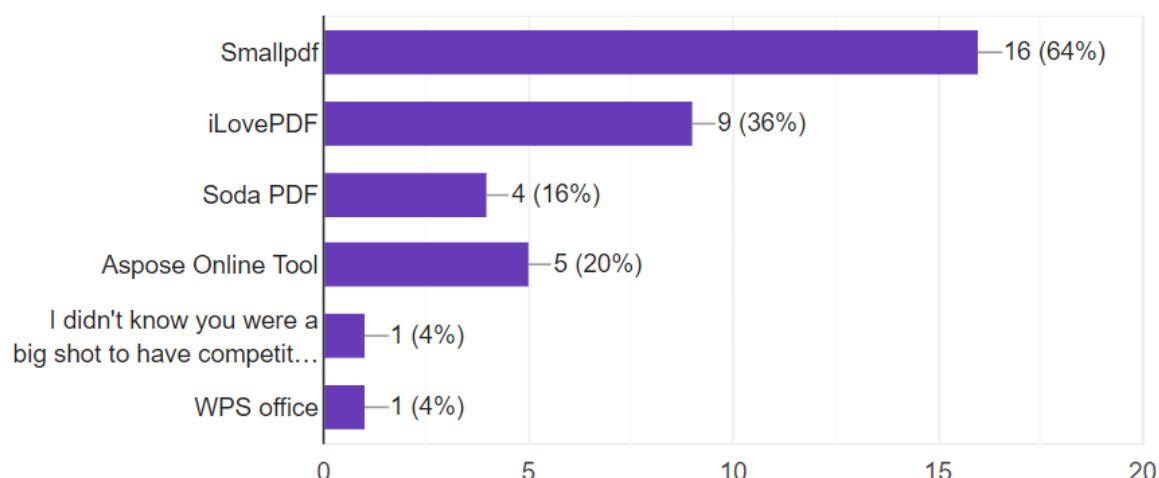
25 responses



Which of our competitors did you consider before choosing us?



25 responses



Can you name any feature that our competitors are missing?

10 responses

Split pdf

No

no

Edit pdf

Quality of Merger

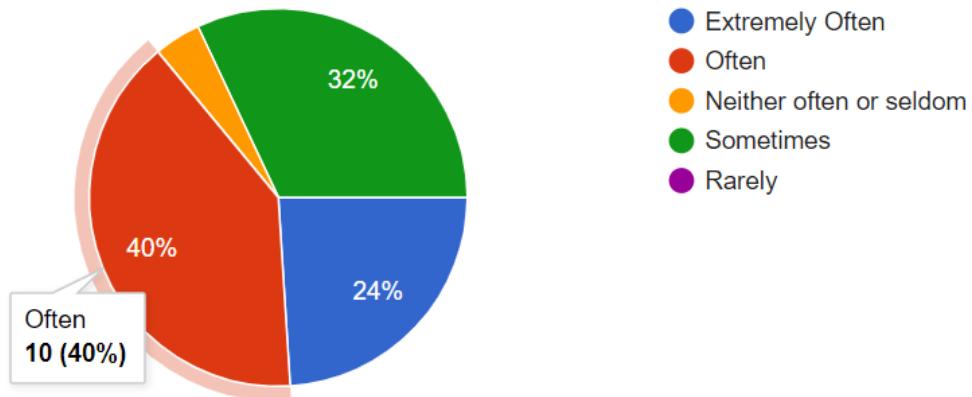
splitpdf, image to pdf conversion without payment

Removing blank pages feature is not present in most of them.

Removing watermark from pdf th charge money and also pdf to ppt

How often do you feel the need to convert your PDF Documents? 

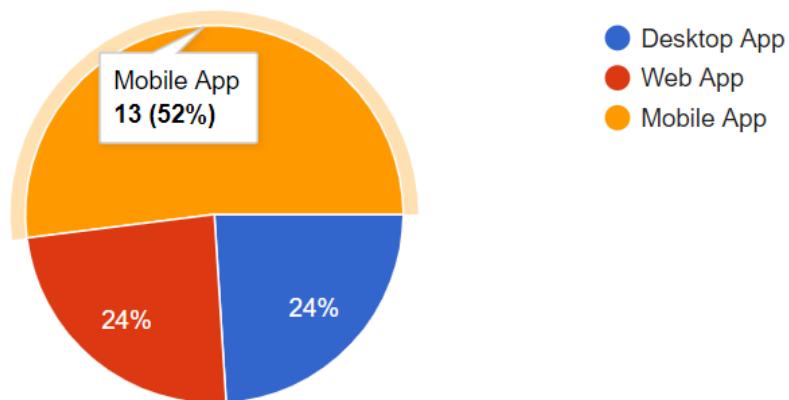
25 responses



In what mode you wish to use our app?



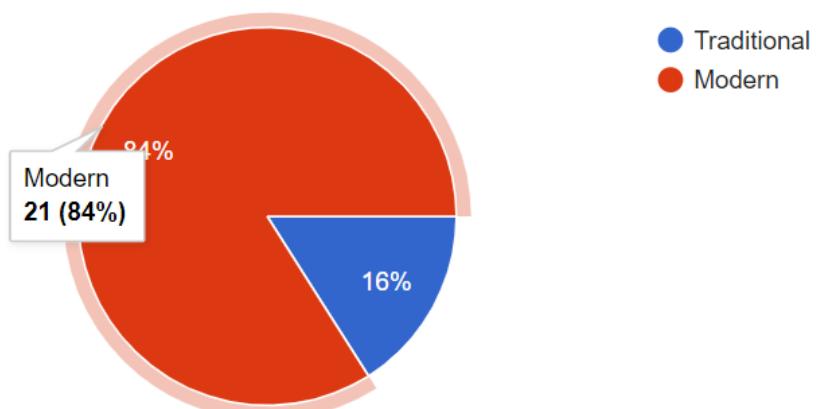
25 responses



What kind of UI please you the most?



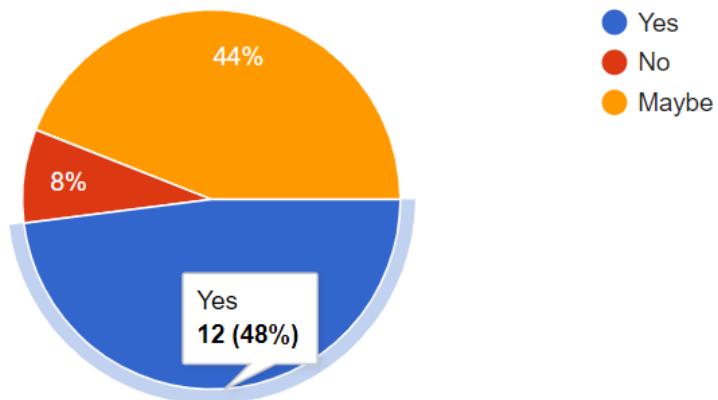
25 responses



Are you a fan of Minimal UI Design?



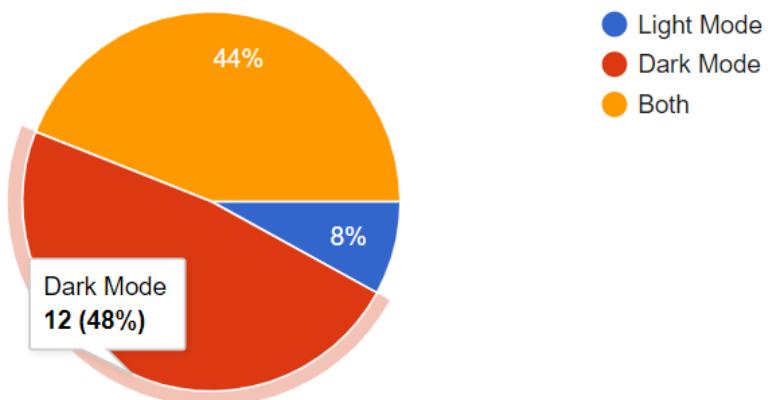
25 responses



Which type of theme/mode would you prefer?



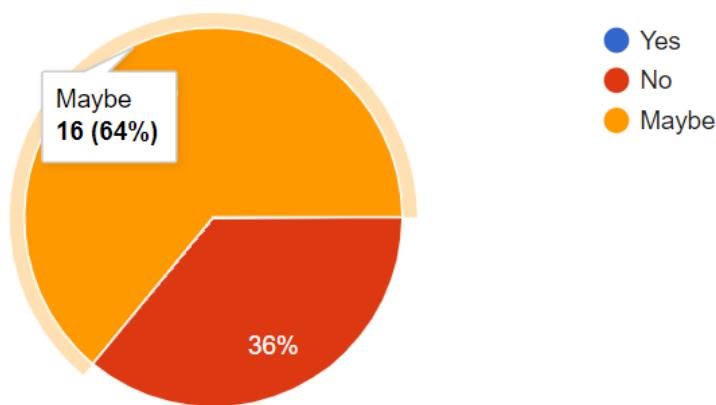
25 responses



If we had premium plans would you consider buying them?



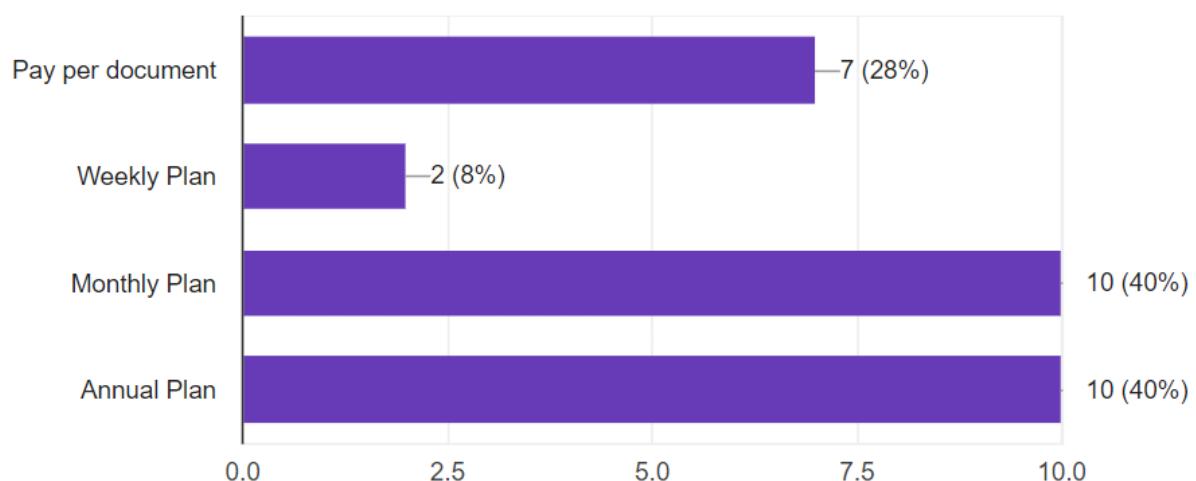
25 responses



What kind of premium plans would you like to buy?

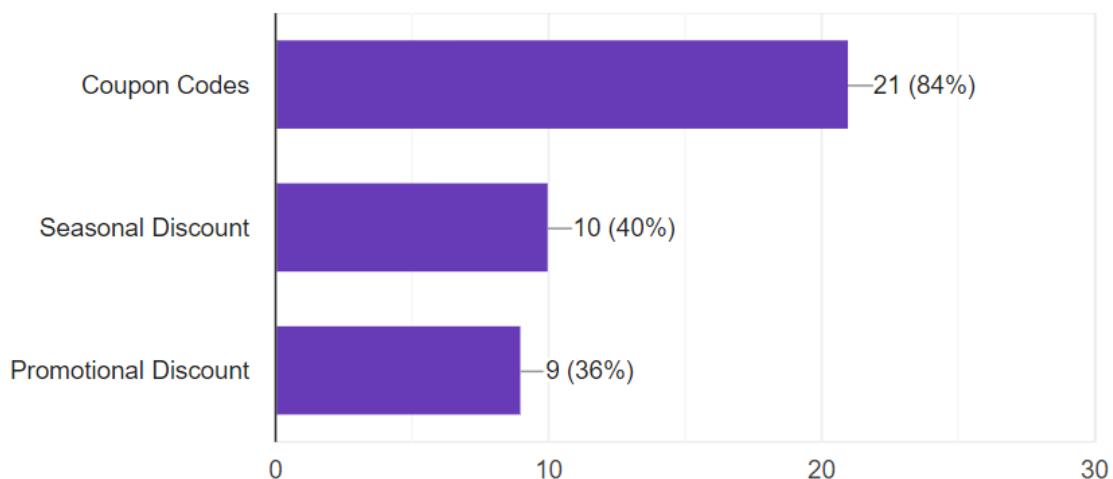


25 responses



What kind of discounts would attract you the most to buy our plans?

25 responses



Analysis

User Analysis

- The Users are mostly students looking for a convenient, and easy-to-use Mobile App with a modern-looking UI that meets all their PDF Conversion Needs.
- It is observed that students are involved in online education because of the corona pandemic. Due to online education students have to submit all their assignments, continuous assessments, project documentation, and exam papers in PDF format.
- Students are having a hard time converting their PDF formats on online tools due to no. of files and size limitations.
- Every student is converting at least 2-5 PDF documents daily on an average.
- Almost all of them wants to convert multiple files at once.
- Our future product users trust one of our powerful competitor "Smallpdf" to fulfill their conversion needs.
- Our competitors are missing one of the important feature that is "Blank PDF Page Removal"
- Our users want to get most of the conversions for free or as cheap as possible as they are hardly showing any interest in buying premium plans. They are ready to buy only if there are some sort of discounts available and most of them wants to opt for Monthly or Annual Subscriptions.

User Persona



Demographics

Name: Souleh Shaikh
Age: 23
Character: Computer Nerd
Location: Mumbai
Status: Single
Hobby: Trading, Travelling, etc.

Bio

Souleh is an RPA Developer, an "automation loving nerd" and for the past couple of months, has been working from home due to the corona pandemic. Currently, he has to deal with a lot of PDF Conversion Operations and can't find one which fulfills all his needs. He is ready to pay any price for his conversion simplicity.

Goals

- 1) Want a simple looking modern UI app.
- 2) App which can remember all his personalized settings.
- 3) Can do conversion in bulk mode.
- 4) Basically looking for an app which provides at least 5 PDF functions which are as follows:

- Merge PDF
- Compress PDF
- Lock PDF
- Unlock PDF
- Remove Blank PDF Pages

Frustations

- 1) Keeps wasting time on slow and unreliable online PDF Conversion Tools.
- 2) Without internet, PDF conversions cannot be done.
- 3) Requires significant amount of bandwidth which is not possible on metered network connections.
- 4) There is always a limit to how much files can be converted at once.
- 5) Some files cannot be converted online as certain file size limitations are there.
- 6) PDF data is vulnerable as conversion is being done online or on cloud storage.

Skills

 RPA Development  Competitive Programming  Algorithmic Trading

“ I am looking for an app that handles all my PDF conversions in batch mode with ease so that I can be more productive at work. **”**

Task Analysis

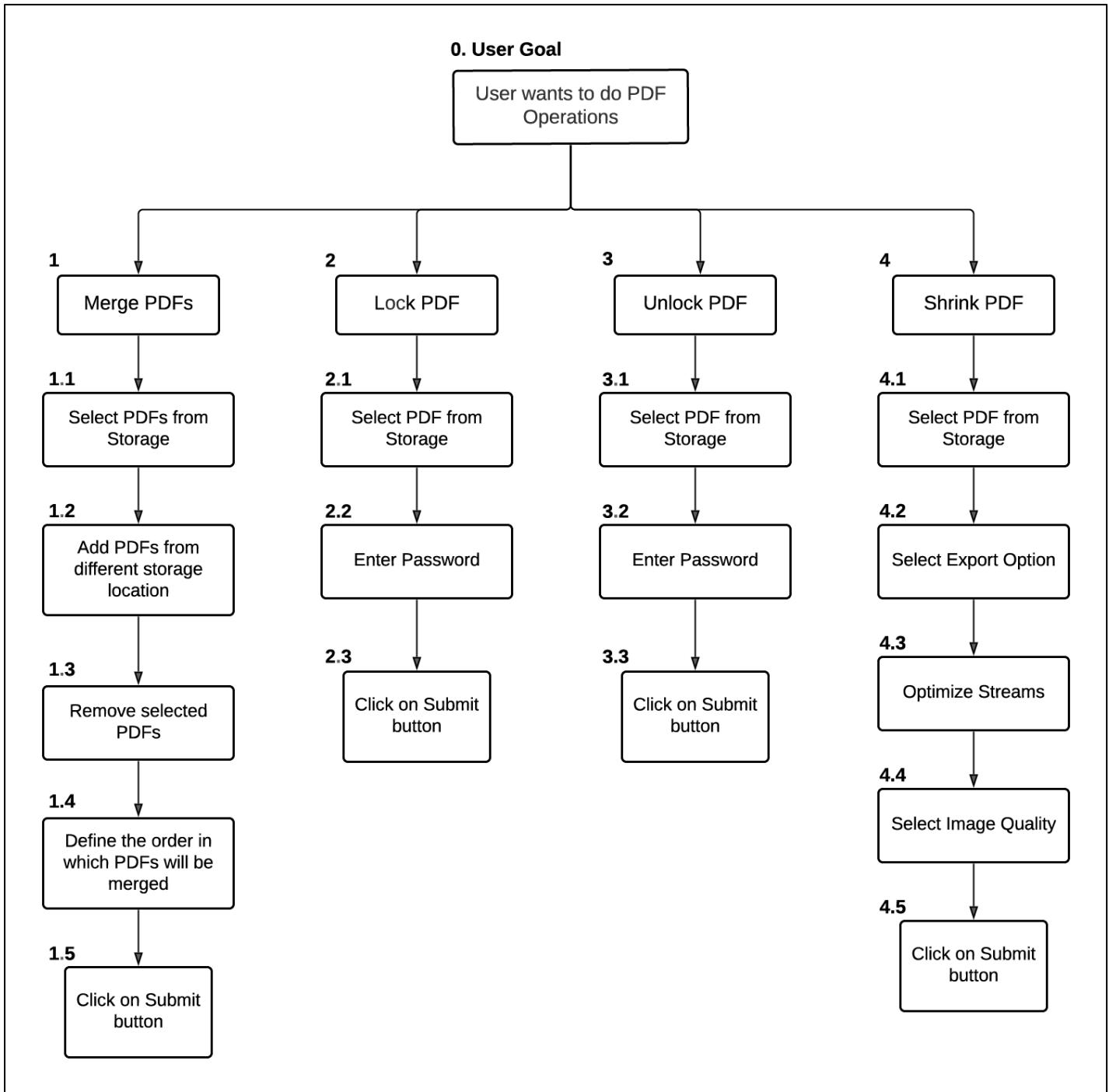


Fig. Hierarchical task analysis (HTA)

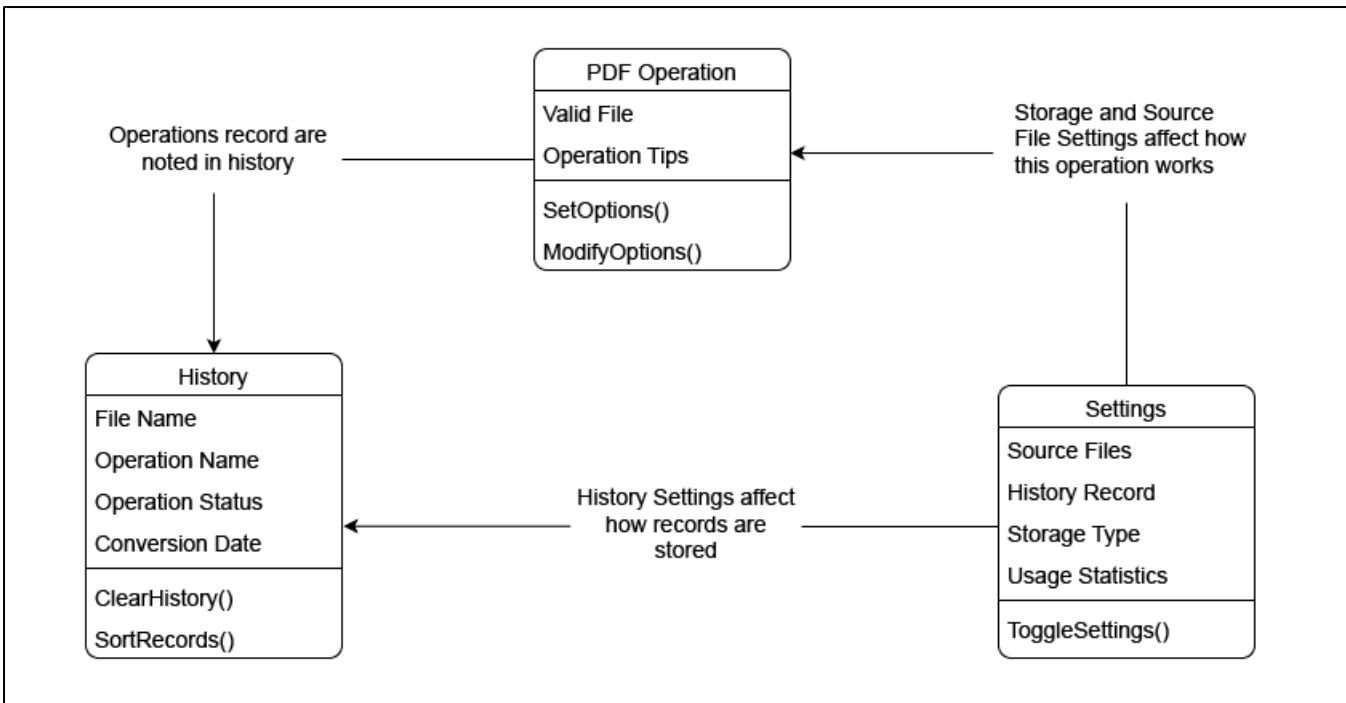
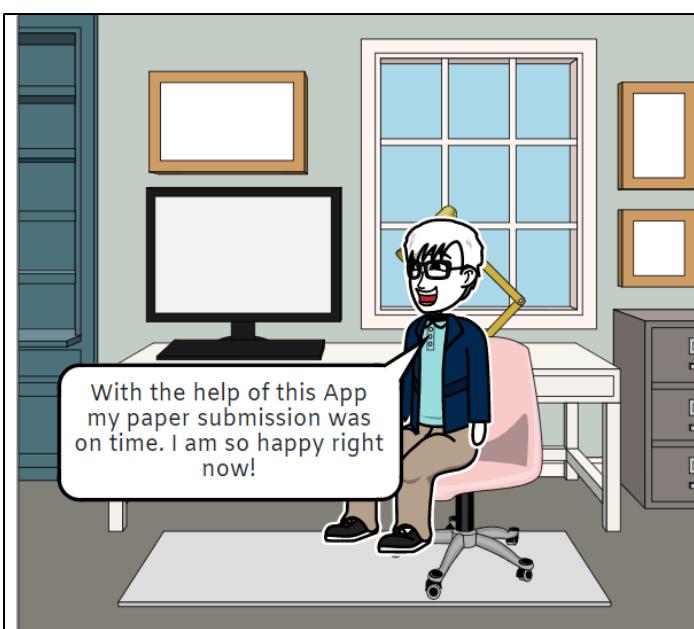
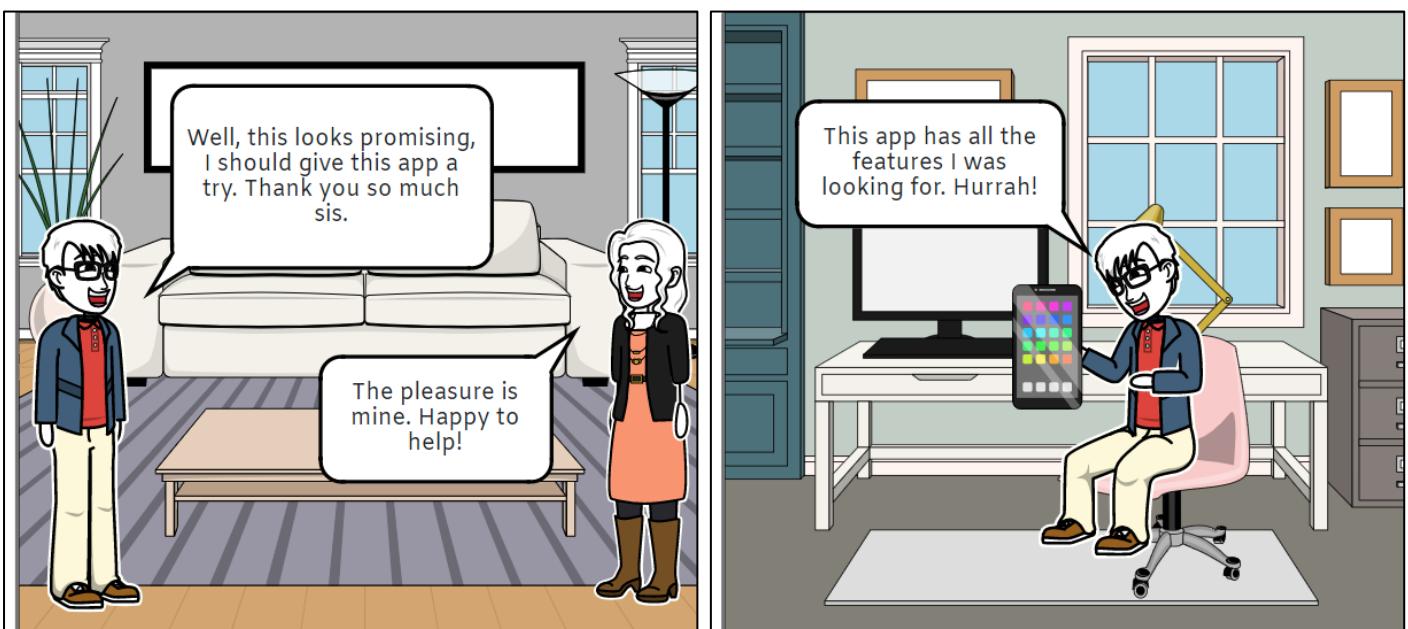
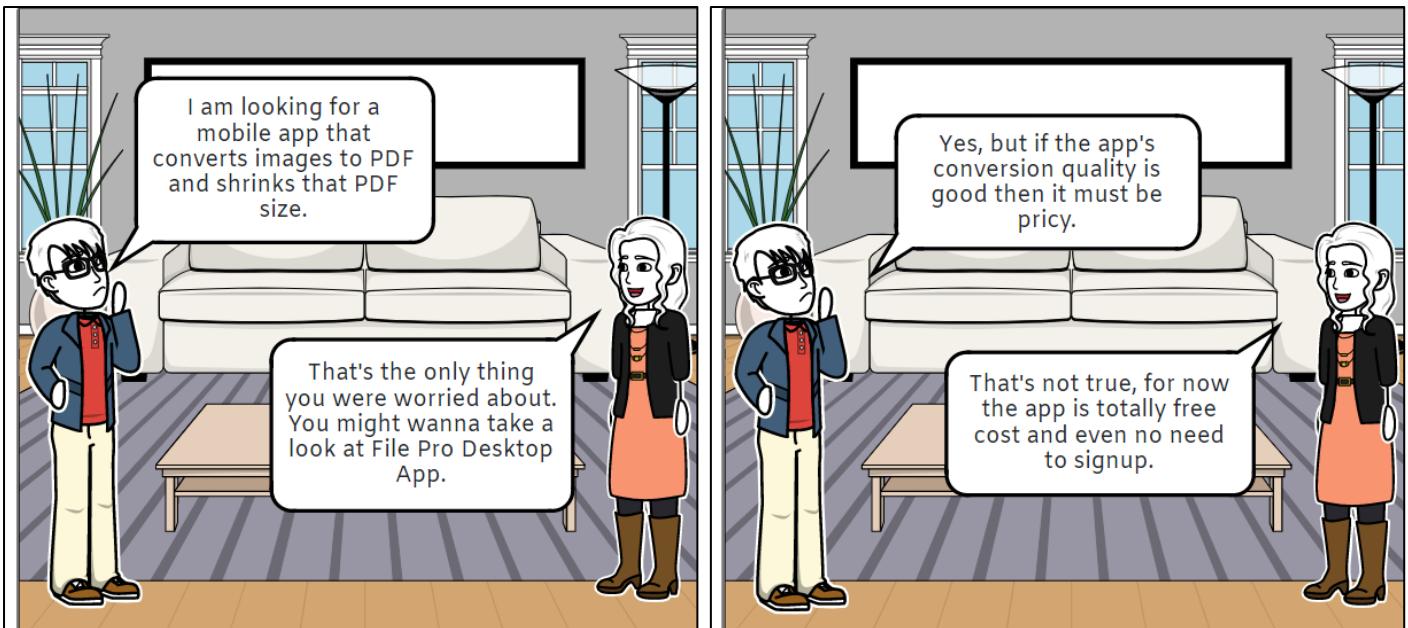


Fig. Object Model

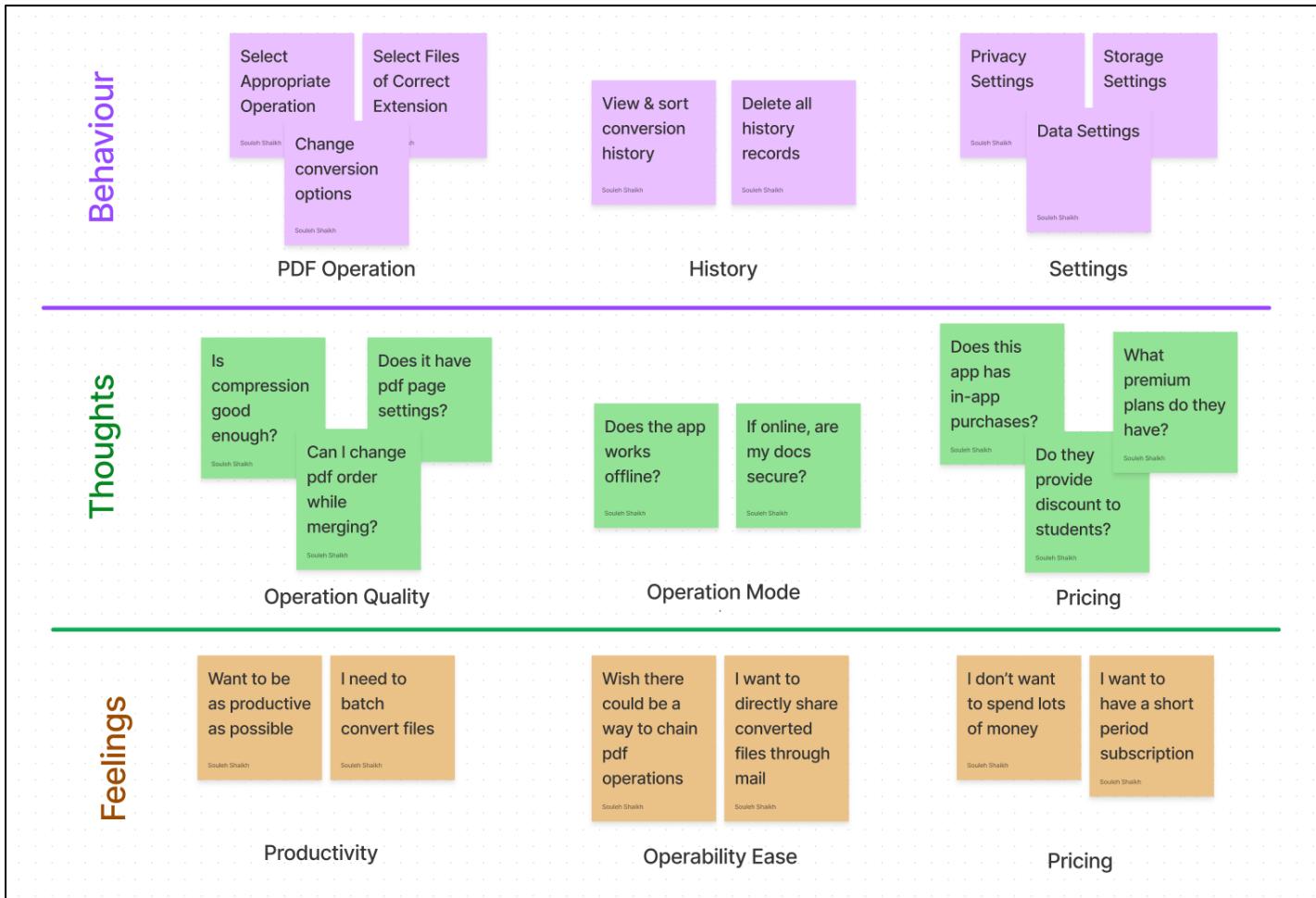
Design

Storyboard





Mental Model



Prototype

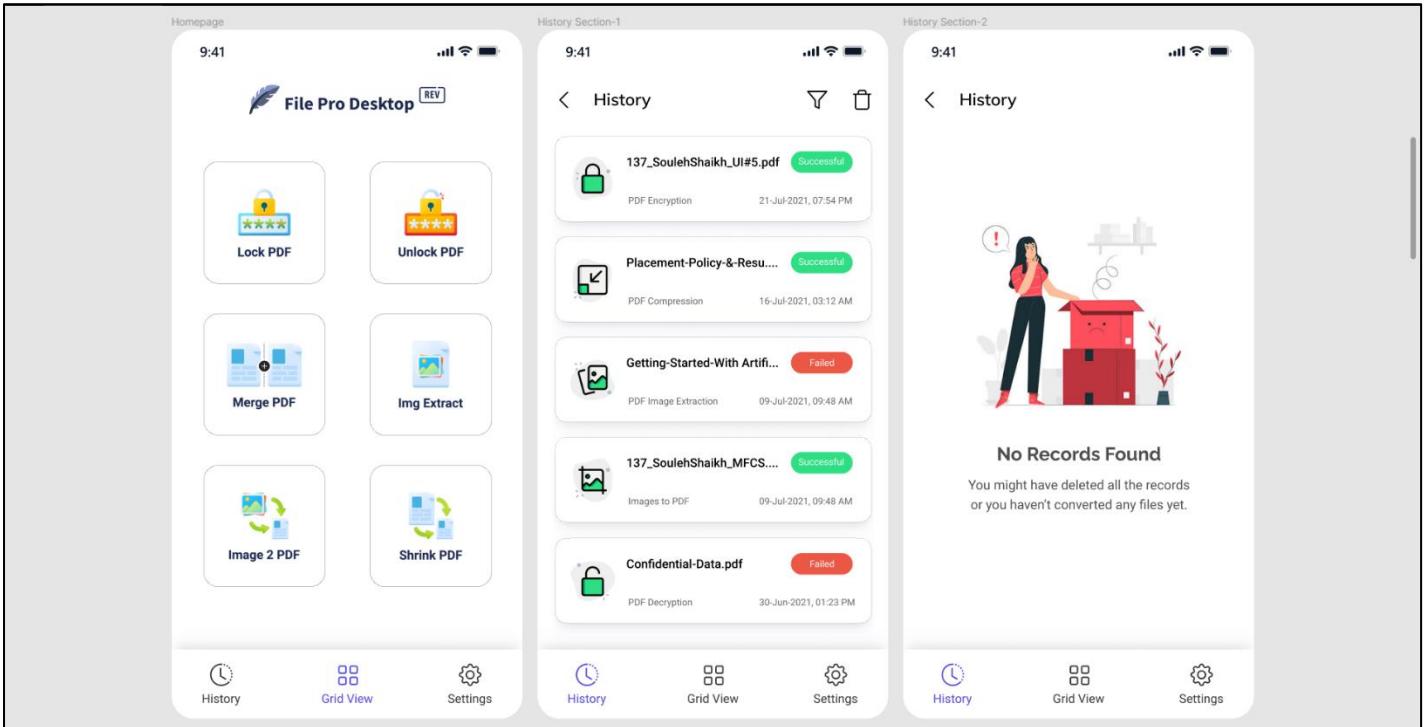


Fig. Grid View and History Screens

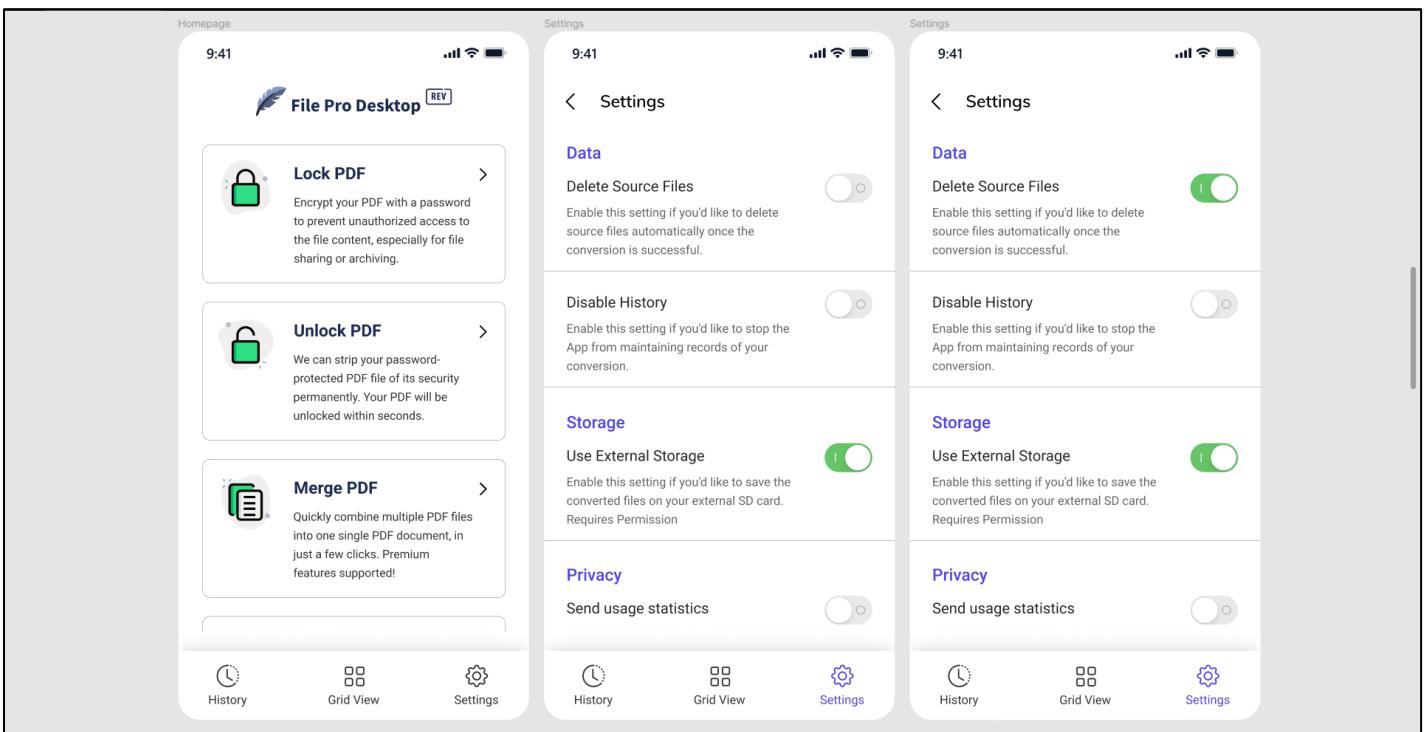


Fig. List View and Settings Screens

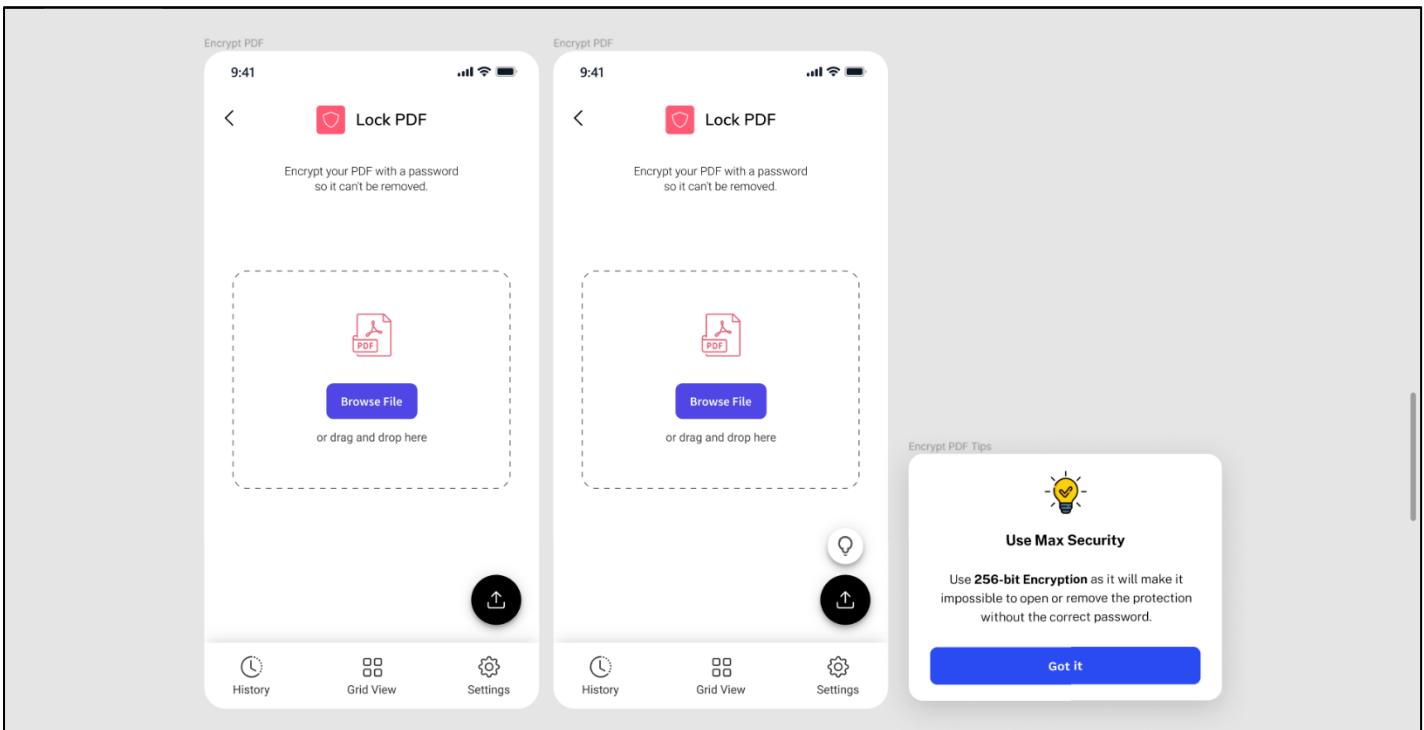


Fig. Lock PDF Screen

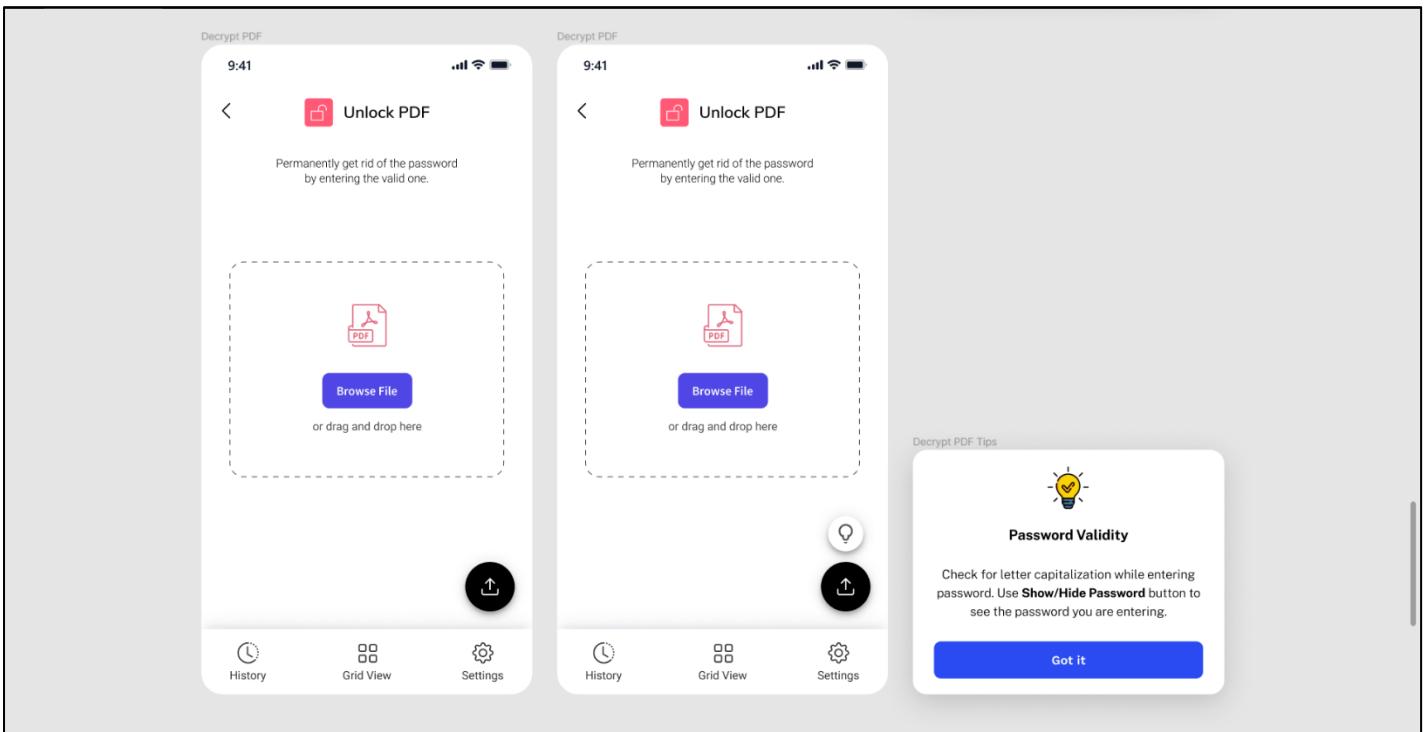


Fig. Unlock PDF Screen

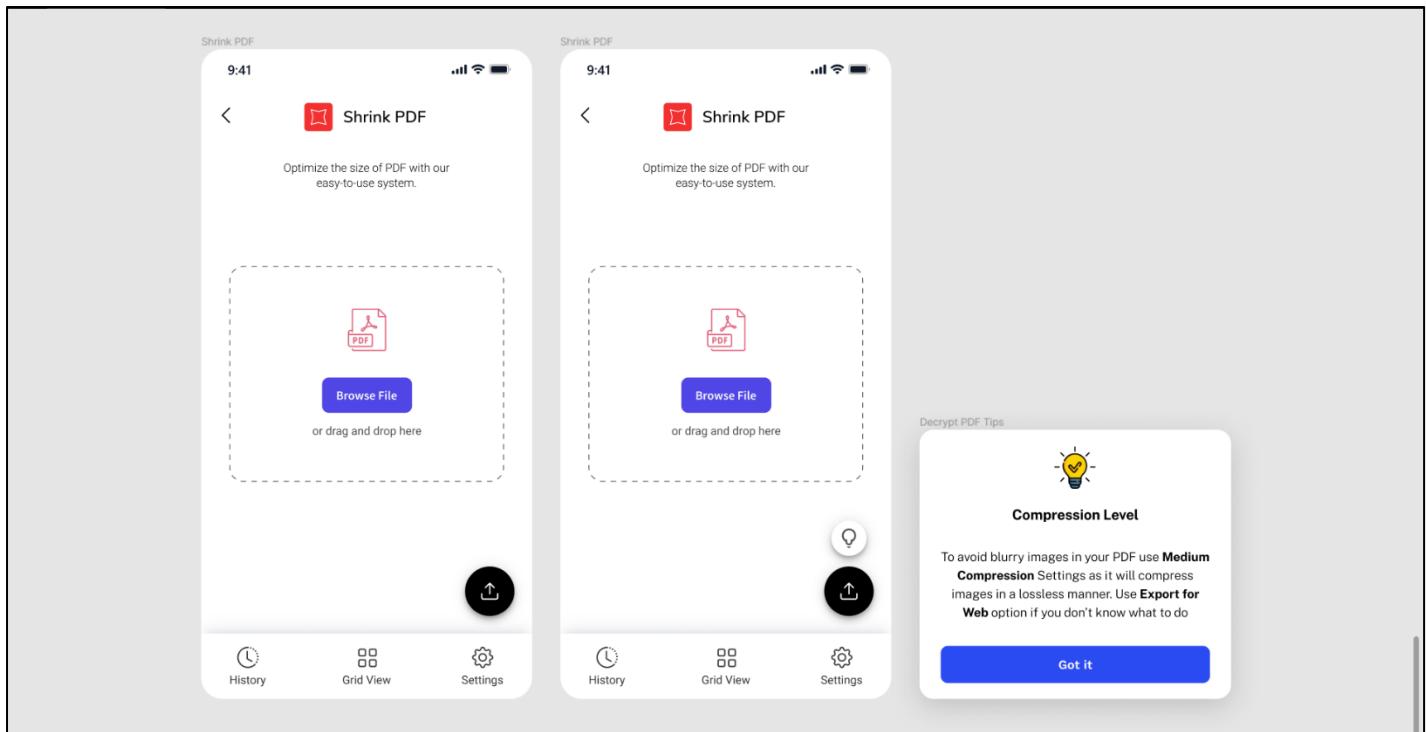


Fig. Shrink PDF Screen

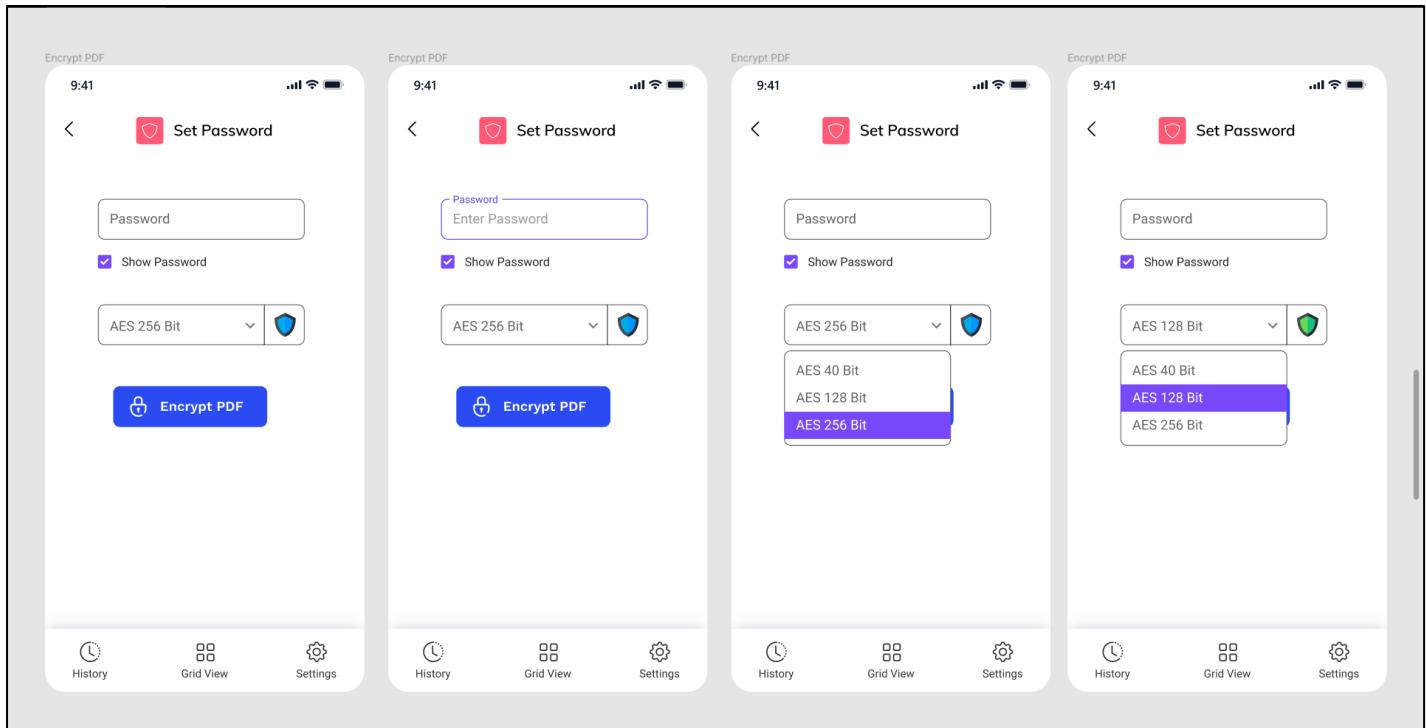


Fig. Encrypt PDF Options Screens

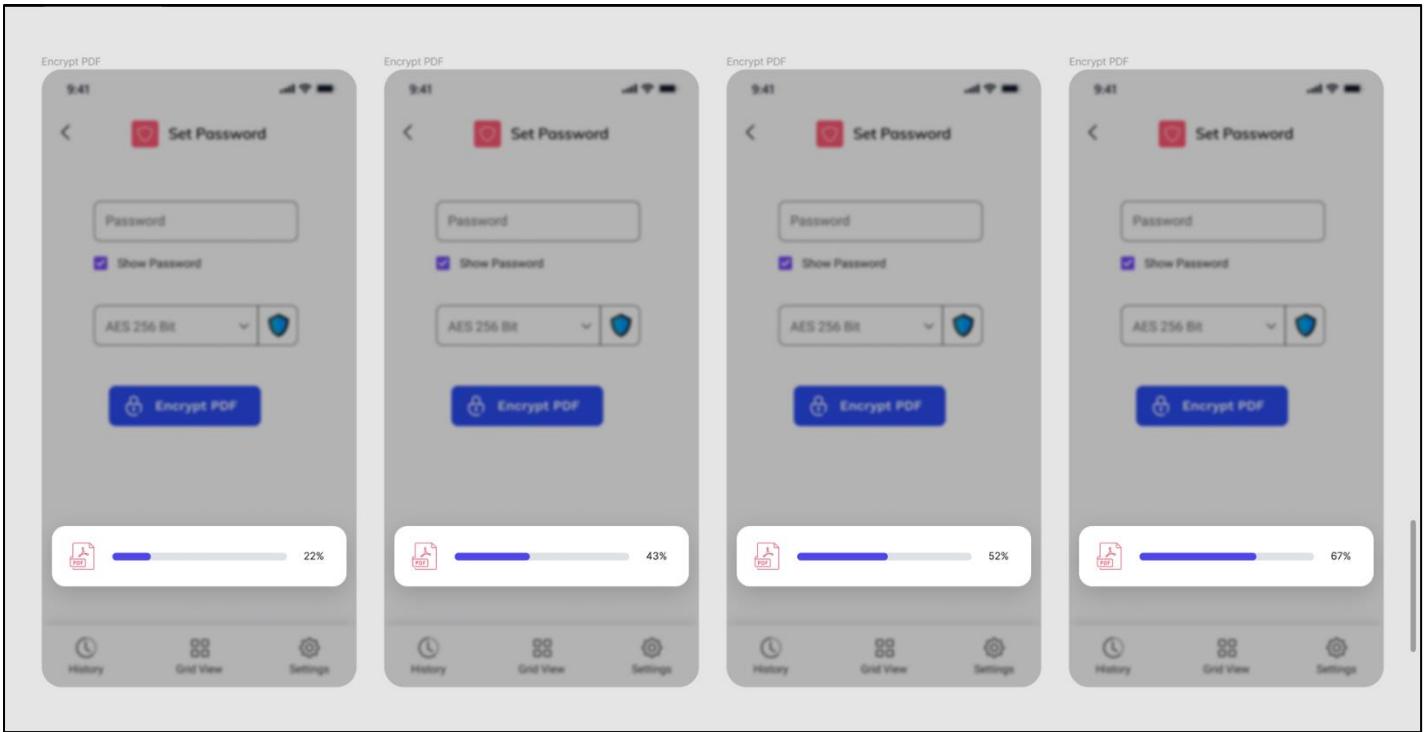


Fig. Encrypt PDF Operation Progress Screens

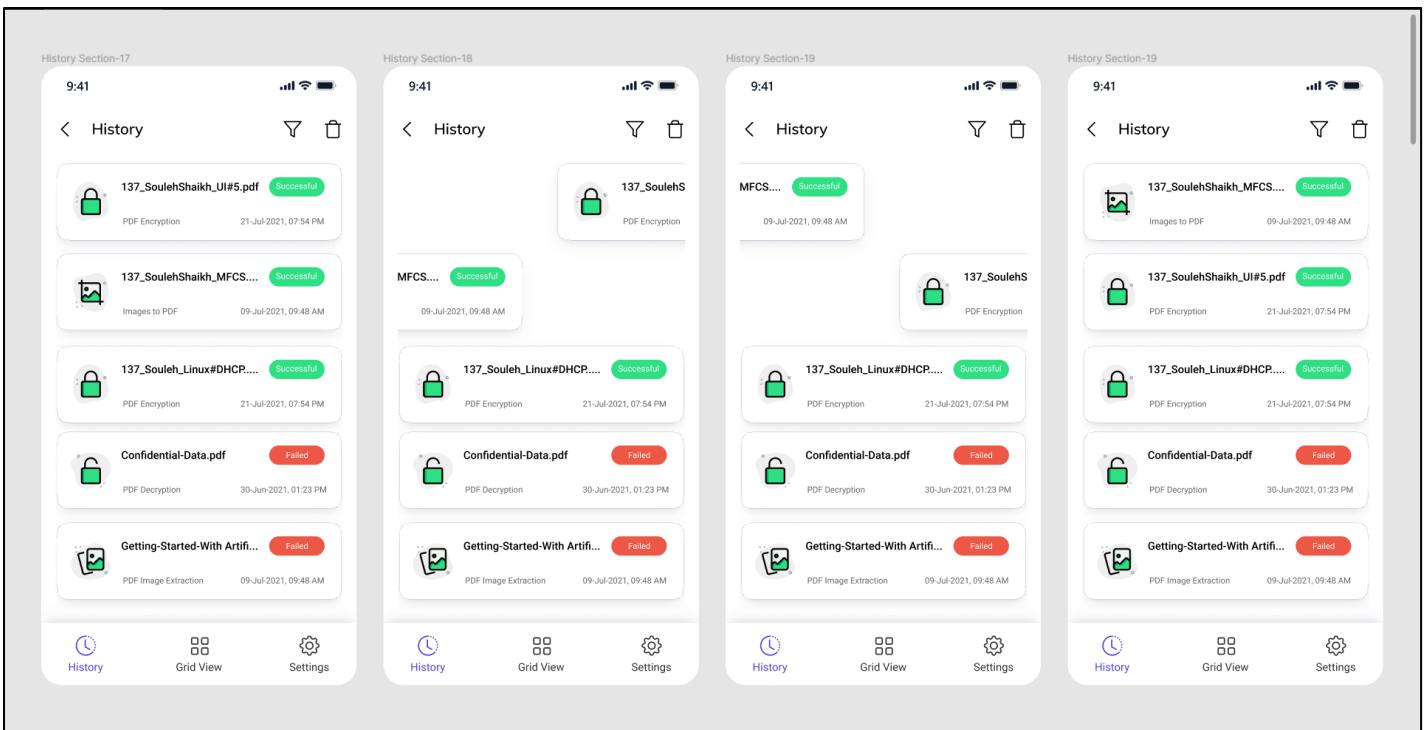


Fig. History Sort Transition Screens

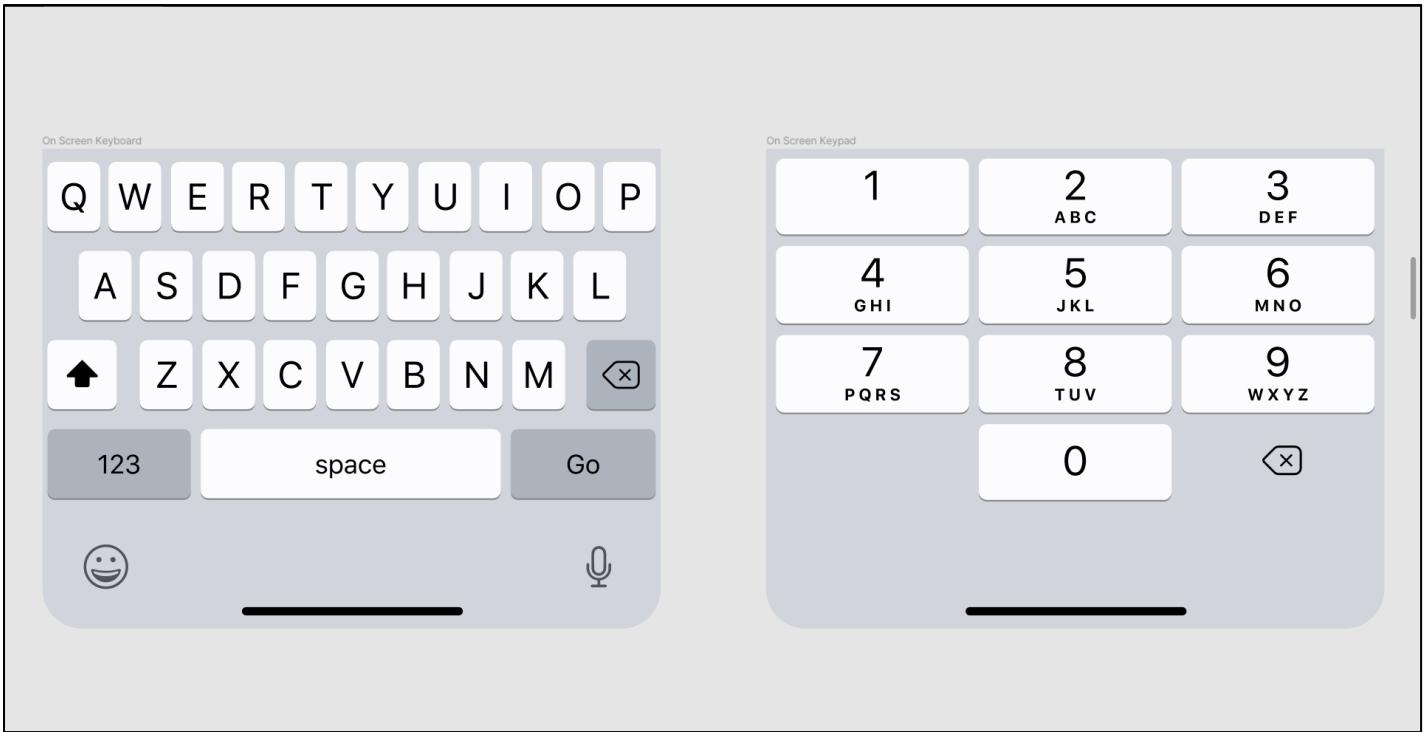


Fig. Keyboard & Keypad Overlays

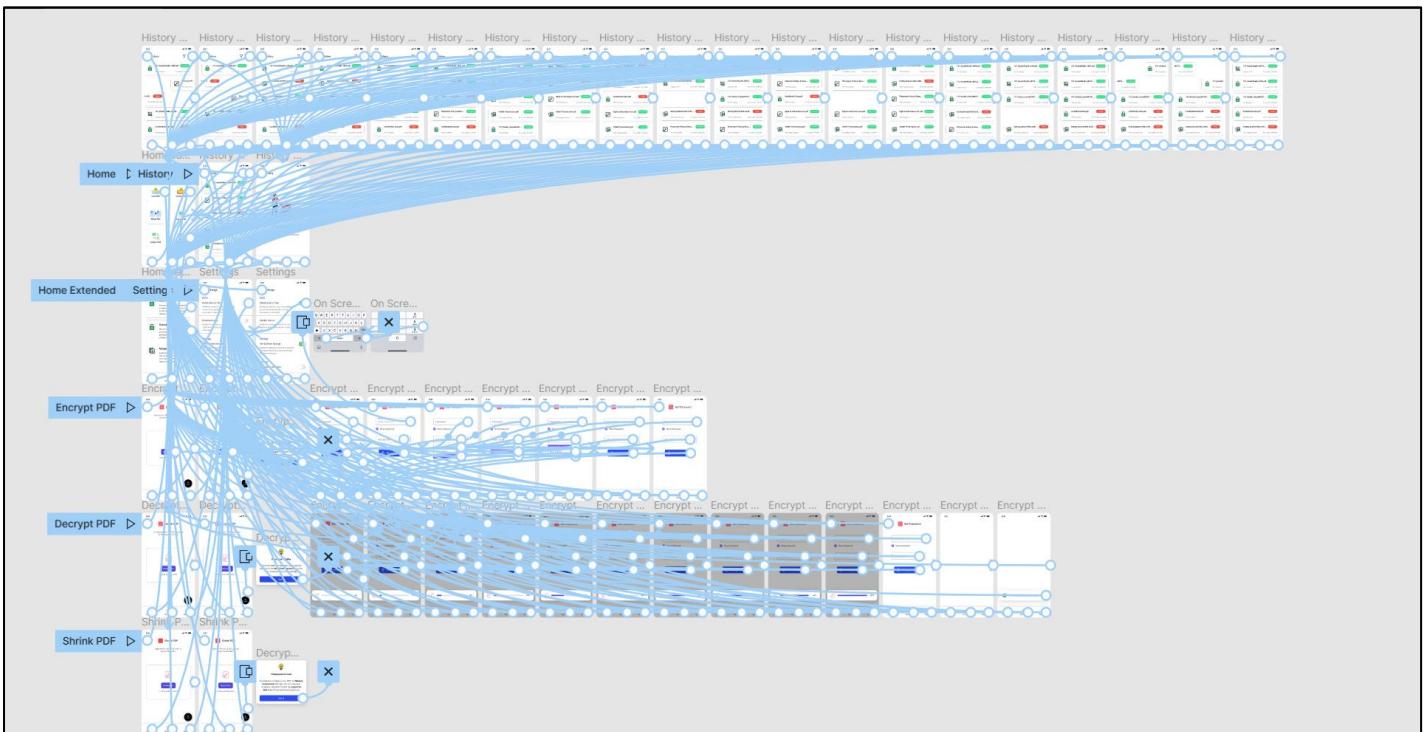


Fig. Entire Prototype Connections (51 Frames)

Implementation

Code

File: index.html

```
<!DOCTYPE html>

<html lang="en">

<head>
    <meta http-equiv="Content-Type" content="text/html; charset=UTF-8">
    <title>UI Project Implementation</title>
    <meta content="width=device-width,initial-scale=1" name="viewport">
    <link href=".//css/index.css" rel="stylesheet">
</head>

<body class="body">
    <div class="mobile-frame">
        <div class="main">

            <div class="frame">
                
                <div class="time">9:41</div>
                
                <div class="text-block">History</div>

                <div class="records-list-container">
                    <div id="records-list" class="records-list">
                        <div id="first" class="first">
                            
                            <div class="file-name">137_SoulehShaikh_UI#5.pdf</div>
                            <div class="operation-name">PDF Encryption</div>
                            <div class="last-modified-date">21-Jul-2021, 07:54 PM</div>
                            <div class="success-status-holder">
                                <div class="status">Successful</div>
                            </div>
                        </div>
                        <div id="second" class="second">
                            
                            <div class="file-name">Placement-Policy-&amp;-Resu....</div>
                            <div class="operation-name">PDF Compression</div>
                            <div class="success-status-holder">
                                <div class="status">Successful</div>
                            </div>
                            <div class="last-modified-date">16-Jul-2021, 03:12 AM</div>
                        </div>
                        <div id="third" class="third">
                            <div class="file-name">Getting-Started-With Artifi...</div>
                            
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </body>
```

```
class="image">
    <div class="operation-name">PDF Image Extraction</div>
    <div class="fail-status-holder">
        <div class="status">Failed</div>
    </div>
    <div class="last-modified-date">09-Jul-2021, 09:48 AM</div>
</div>
<div id="fourth" class="fourth">
    <div class="file-name">137_SoulehShaikh_MFCS....</div>
    
    <div class="operation-name">Images to PDF</div>
    <div class="success-status-holder">
        <div class="status">Successful</div>
    </div>
    <div class="last-modified-date">09-Jul-2021, 09:48 AM</div>
</div>
<div id="fifth" class="fifth">
    <div class="file-name">Confidential-Data.pdf</div>
    
    <div class="operation-name">PDF Decryption</div>
    <div class="last-modified-date">30-Jun-2021, 01:23 PM</div>
    <div class="fail-status-holder">
        <div class="status">Failed</div>
    </div>
</div>
<div id="sixth" class="sixth">
    
    <div class="file-name">Right to Information Act.pdf</div>
    <div class="operation-name">PDF Compression</div>
    <div class="success-status-holder">
        <div class="status">Successful</div>
    </div>
    <div class="last-modified-date">16-Jun-2021, 03:12 AM</div>
</div>
<div id="seventh" class="seventh">
    <div class="file-name">VANET Presentation.pdf</div>
    
</div>
<div class="image">
    <div class="operation-name">PDF Image Extraction</div>
    <div class="success-status-holder">
        <div class="status">Successful</div>
    </div>
    <div class="last-modified-date">09-Jun-2021, 09:48 AM</div>
</div>
<div id="eight" class="eight">
    
    <div class="file-name">137_Souleh_Linux#DHCP.....</div>
    <div class="operation-name">PDF Encryption</div>
    <div class="last-modified-date">28-May-2021, 07:54 PM</div>
    <div class="success-status-holder">
        <div class="status">Successful</div>
    </div>
</div>
</div>
```

```
</div>

<div class="no-history-found">
  
  <div class="heading">No Records Found</div>
  <div class="details">You might have deleted all the records or you haven't
converted any files yet.</div>
</div>

<div class="app-bottom-bar">
  <div class="history">
    
    <div class="text-block-2">History</div>
  </div>
  <div class="grid-view">
    
    <div class="text-block-2">Grid View</div>
  </div>
  <div class="settings">
    
    <div class="text-block-2">Settings</div>
  </div>
</div>

</div>
<div class="notch">
  <div></div>
</div>
</div>

<script src=".js/index.js" defer="defer"></script>

</body>

</html>
```

File: index.css

```
@font-face {
    font-family: 'Mulish';
    src: url(..../assets/fonts/Mulish-Regular.woff2) format('woff2');
    font-weight: 400;
    font-style: normal;
    font-display: swap
}

@font-face {
    font-family: 'Roboto';
    src: url(..../assets/fonts/Roboto-Regular.woff2) format('woff2');
    font-weight: 400;
    font-style: normal;
    font-display: swap
}

@font-face {
    font-family: 'Roboto';
    src: url(..../assets/fonts/Roboto-Medium.woff2) format('woff2');
    font-weight: 500;
    font-style: normal;
    font-display: swap
}

@font-face {
    font-family: 'Seguisb';
    src: url(..../assets/fonts/seguisb.woff2) format('woff2');
    font-weight: 600;
    font-style: normal;
    font-display: swap
}

* {
    --tw-shadow: 0 20px 25px -5px rgba(0, 0, 0, 0.1),
    0 10px 10px -5px rgba(0, 0, 0, 0.04)
}

*,
::after,
::before {
    box-sizing: border-box;
    font-size: 16px;
    margin: 0;
    padding: 0
}

.body,
.frame {
    overflow: hidden
}

.frame {
```

```
position: relative;
max-height: 736px;
max-width: 375px;
min-height: 736px;
min-width: 375px;
border-radius: 24px;
background-color: #fff
}

.body {
  user-select: none;
  display: flex;
  flex-direction: column;
  justify-content: center;
  align-items: center;
  border-radius: 0
}

.time {
  position: absolute;
  left: 30px;
  top: 13px;
  overflow: visible;
  width: auto;
  float: left;
  font-family: Seguisb, sans-serif;
  font-weight: 600;
  object-fit: fill
}

.utility-page-wrap {
  display: flex;
  width: 100vw;
  height: 100vh;
  max-height: 100%;
  max-width: 100%;
  justify-content: center;
  align-items: center
}

.utility-page-content {
  display: flex;
  width: 260px;
  flex-direction: column;
  text-align: center
}

.utility-page-form {
  display: flex;
  flex-direction: column;
  align-items: stretch
}

.network-icon {
```

```
position: absolute;
left: 284px;
top: 17.69px
}

.back-icon,
.battery-icon,
.wifi-icon {
position: absolute;
left: 306.1px;
top: 17.69px
}

.back-icon,
.battery-icon {
left: 326.48px
}

.back-icon {
left: 24px;
top: 67px
}

.delete-image,
.filter-image {
cursor: pointer
}

.filter-image {
position: absolute;
left: 289px;
top: 66px
}

.delete-image,
.text-block {
position: absolute;
left: 340px;
top: 65px
}

.text-block {
left: 60px;
font-family: Mulish, sans-serif;
color: #000;
font-size: 18px;
line-height: 23px;
font-weight: 600;
-o-object-fit: contain;
object-fit: contain
}

.records-list-container {
overflow: hidden;
```

```
position: absolute;
left: 17px;
top: 114px;
max-height: 531px;
max-width: 342px;
min-height: 531px;
min-width: 342px
}

.no-history-found {
  position: absolute;
  display: flex;
  flex-direction: column;
  justify-content: space-between;
  align-items: center;
  left: 68px;
  top: 180px;
  min-width: 240px;
  max-width: 240px;
  min-height: 330px;
  max-height: 330px;
  transition: all 1400ms ease-in-out;
  transform: translateX(-375px)
}

.no-history-found img {
  width: 240px;
  height: 240px
}

.no-history-found .details,
.no-history-found .heading {
  font-family: 'Roboto', sans-serif;
  color: rgba(0, 0, 0, 0.7)
}

.no-history-found .heading {
  font-weight: 500;
  font-size: 20px
}

.no-history-found .details {
  font-weight: 400;
  font-size: 14px;
  line-height: 21px
}

.records-list {
  position: relative;
  max-height: 531px;
  max-width: 342px;
  min-height: 531px;
  min-width: 342px
}
```

```
.eight,
.fifth,
.first,
.fourth,
.second,
.seventh,
.sixth,
.third {
  position: absolute;
  left: 2px;
  max-height: 91px;
  max-width: 338px;
  min-height: 91px;
  min-width: 338px;
  overflow: hidden;
  border-style: solid;
  border-width: .1px;
  border-color: rgba(0, 0, 0, .2);
  border-radius: 12px;
  box-shadow: 0 6px 12px -6px rgba(24, 39, 75, .12), 0 8px 24px -4px rgba(24, 39, 75, .08);
  transition: all 500ms ease-in-out
}

.first {
  top: 0
}

.second {
  top: 107px
}

.third {
  top: 214px
}

.fourth {
  top: 321px
}

.fifth {
  top: 429px
}

.sixth {
  top: 536px
}

.seventh {
  top: 643px
}

.eight {
  top: 750px
```

```
}

.file-name {
  position: absolute;
  left: 78px;
  top: 20px;
  font-family: Roboto, sans-serif;
  font-weight: 500;
  color: #000;
  font-size: 13px;
  line-height: 15px
}

.image {
  position: absolute;
  left: 18px;
  top: 21px;
  max-height: 48px;
  max-width: 48%;
  min-height: 48px;
  min-width: 48px
}

.last-modified-date,
.operation-name {
  position: absolute;
  left: 80px;
  top: 63px;
  font-family: Roboto, sans-serif;
  font-weight: 400;
  color: #666;
  font-size: 10px;
  line-height: 12px
}

.last-modified-date {
  left: 220px
}

.success-status-holder, .fail-status-holder {
  position: absolute;
  left: 254px;
  top: 16px;
  display: flex;
  max-height: 23px;
  max-width: 66px;
  min-height: 23px;
  min-width: 66px;
  justify-content: center;
  align-items: center;
  border-radius: 16px;
}

.success-status-holder {
```

```
background-color: #2fdf84
}

.fail-status-holder,
.status {
  font-family: Roboto, sans-serif;
  font-weight: 400;
  font-size: 10px
}

.status {
  color: #fff
}

.fail-status-holder {
  background-color: #ed5745
}

.app-bottom-bar {
  position: absolute;
  top: 662px;
  max-height: 74px;
  max-width: 375px;
  min-height: 74px;
  min-width: 375px;
  box-shadow: 0 -6px 12px -6px rgba(24, 39, 75, .12), 0 -8px 24px -4px rgba(24, 39, 75, .08)
}

.grid-view,
.history,
.settings {
  position: absolute;
  top: 15px;
  display: flex;
  flex-direction: column;
  justify-content: space-between;
  align-items: center;
  left: 32px;
  max-height: 45px;
  max-width: 42px;
  min-height: 45px;
  min-width: 42px
}

.grid-view,
.settings {
  left: 160px;
  max-width: 56px;
  min-width: 56px
}

.settings {
  left: 295px;
```

```
    max-width: 48px;
    min-width: 48px
}

.text-block-2 {
    position: static;
    left: 0;
    font-family: Roboto, sans-serif;
    font-weight: 400;
    font-size: 13px
}

.mobile-frame {
    display: flex;
    align-items: center;
    justify-content: center;
    position: relative;
    height: 764px;
    width: 403px;
    margin: auto;
    overflow: hidden;
    border: 14px solid #000;
    background-color: #000;
    border-radius: 60px;
    box-shadow: var(--tw-ring-offset-shadow, 0 0 #0000), var(--tw-ring-shadow, 0 0 #0000),
    var(--tw-shadow)
}

.main {
    bottom: 0;
    background-color: #fff;
    width: 100%;
    height: 100%
}

.main,
.notch {
    position: absolute;
    top: 0;
    left: 0;
    right: 0
}

.notch>div {
    height: 1.5rem;
    width: 10rem;
    margin-left: auto;
    margin-right: auto;
    background-color: #000;
    border-bottom-right-radius: 1.5rem;
    border-bottom-left-radius: 1.5rem
}
```

File: index.js

```
const recordList = document.getElementById("records-list");
const sortRecords = document.getElementsByClassName("filter-image")[0];
const clearRecords = document.getElementsByClassName("delete-image")[0];
const noHistoryFound = document.getElementsByClassName("no-history-found")[0];

const firstRecord = document.getElementById('first');
const secondRecord = document.getElementById('second');
const thirdRecord = document.getElementById('third');
const fourthRecord = document.getElementById('fourth');
const fifthRecord = document.getElementById('fifth');
const sixthRecord = document.getElementById('sixth');
const seventhRecord = document.getElementById('seventh');
const eightRecord = document.getElementById('eight');

window.onload = function () {
    //adding the event listerner for Mozilla
    if (window.addEventListener)
        document.addEventListener('DOMMouseScroll', moveObject, false);

    //for IE/OPERA etc
    document.onmousewheel = moveObject;
}

function moveObject(event) {
    var delta = 0;

    if (!event) event = window.event;

    // normalize the delta
    if (event.wheelDelta) {
        delta = event.wheelDelta / 60;

    } else if (event.detail) {
        delta = -event.detail / 2;
    }

    let currPos = recordList.offsetTop;

    //calculating the next position of the object
    currPos = parseInt(currPos) - (delta * 10);

    // Stops from scrolling down further
    if (delta > 0 && currPos <= -350) return;

    // Stops from scrolling up further
    if (delta < 0 && currPos >= 25) return;

    //moving the position of the object
    recordList.style.top = currPos + "px";
}

let isSorted = false;
```

```
let isEmpty = false;

function resetAnimation() {
    firstRecord.style.top = "0px";
    secondRecord.style.top = "107px";
    thirdRecord.style.top = "214px";
    fourthRecord.style.top = "321px";
    fifthRecord.style.top = "429px";
    sixthRecord.style.top = "536px";
    seventhRecord.style.top = "643px";
    eightRecord.style.top = "750px";
    firstRecord.style.transform = "translateX(0px)";
    secondRecord.style.transform = "translateX(0px)";
    thirdRecord.style.transform = "translateX(0px)";
    fourthRecord.style.transform = "translateX(0px)";
    fifthRecord.style.transform = "translateX(0px)";
    sixthRecord.style.transform = "translateX(0px)";
    seventhRecord.style.transform = "translateX(0px)";
    eighthRecord.style.transform = "translateX(0px)";
    noHistoryFound.style.transform = "translateX(-375px)";
}

sortRecords.addEventListener('click', () => {
    if (isSorted || isEmpty) {
        isSorted = false;
        isEmpty = false;
        resetAnimation();
        return;
    } else isSorted = true;
    recordList.style.transition = 'all 800ms ease-in-out';
    secondRecord.style.transform = "translateX(190px)";
    thirdRecord.style.transform = "translateX(-190px)";
    setTimeout(() => {
        secondRecord.style.top = '214px';
        thirdRecord.style.top = '107px';
    }, 600);
    setTimeout(() => {
        secondRecord.style.transform = "translateX(0px)";
        thirdRecord.style.transform = "translateX(0px)";
    }, 1100);
    setTimeout(() => {
        fourthRecord.style.transform = "translateX(-375px)";
    }, 1600);
    setTimeout(() => {
        secondRecord.style.top = '321px';
        thirdRecord.style.top = '214px';
        fourthRecord.style.top = '107px';
    }, 2100);
    setTimeout(() => {
        fourthRecord.style.transform = "translateX(0px)";
    }, 2600);
    setTimeout(() => {
        recordList.style.transform = "translateY(-325px)";
    }, 3100);
}
```

```
setTimeout(() => {
    eightRecord.style.transform = "translateX(-375px)";
}, 4000);
setTimeout(() => {
    eightRecord.style.top = "214px";
    thirdRecord.style.top = "321px";
    secondRecord.style.top = "429px";
    fifthRecord.style.top = "536px";
    sixthRecord.style.top = "643px";
    seventhRecord.style.top = "750px";
}, 4600);
setTimeout(() => {
    recordList.style.transform = "translateY(0px)";
}, 5200);
setTimeout(() => {
    eightRecord.style.transform = "translateX(0px)";
}, 6100);
setTimeout(() => {
    recordList.style.transform = "translateY(-325px)";
}, 6600);
setTimeout(() => {
    fifthRecord.style.transform = "translateX(-375px)";
}, 7500);
setTimeout(() => {
    thirdRecord.style.top = "429px";
    secondRecord.style.top = "536px";
}, 8100);
setTimeout(() => {
    fifthRecord.style.top = "321px";
    recordList.style.transform = "translateY(0px)";
}, 8600);
setTimeout(() => {
    fifthRecord.style.transform = "translateX(0px)";
}, 9500);
setTimeout(() => {
    firstRecord.style.transform = "translateX(190px)";
    fourthRecord.style.transform = "translateX(-190px)";
}, 10100);
setTimeout(() => {
    firstRecord.style.top = '107px';
    fourthRecord.style.top = '0px';
}, 10600);
setTimeout(() => {
    firstRecord.style.transform = "translateX(0px)";
    fourthRecord.style.transform = "translateX(0px)";
    recordList.style.transition = 'none';
}, 11100);
});

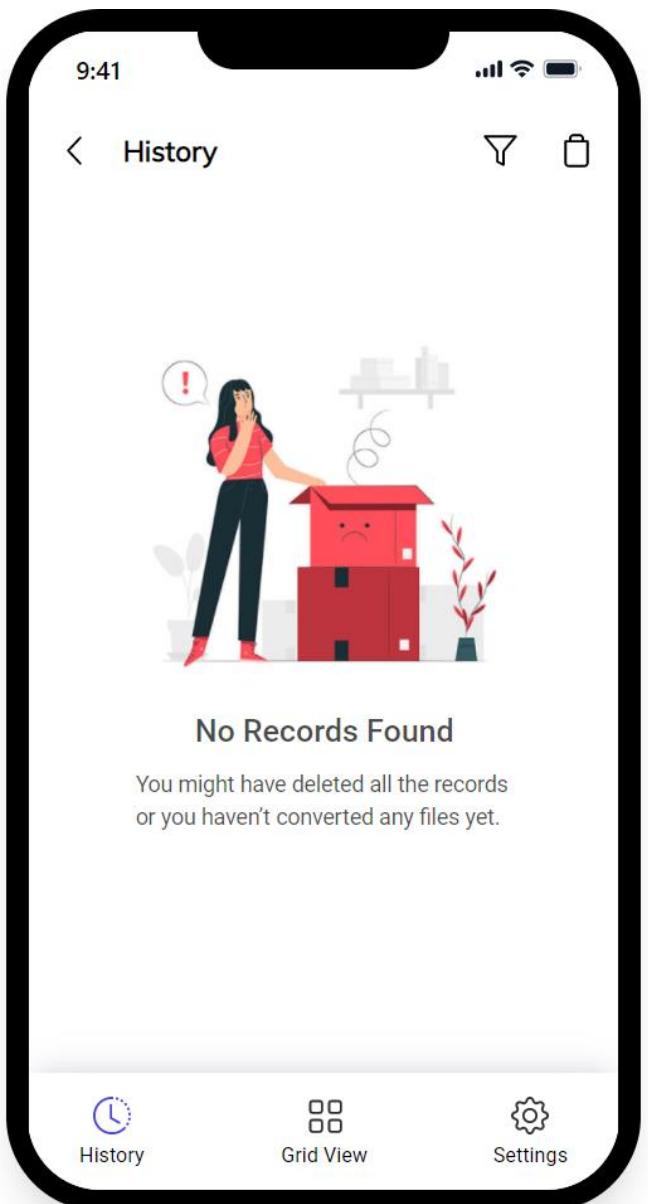
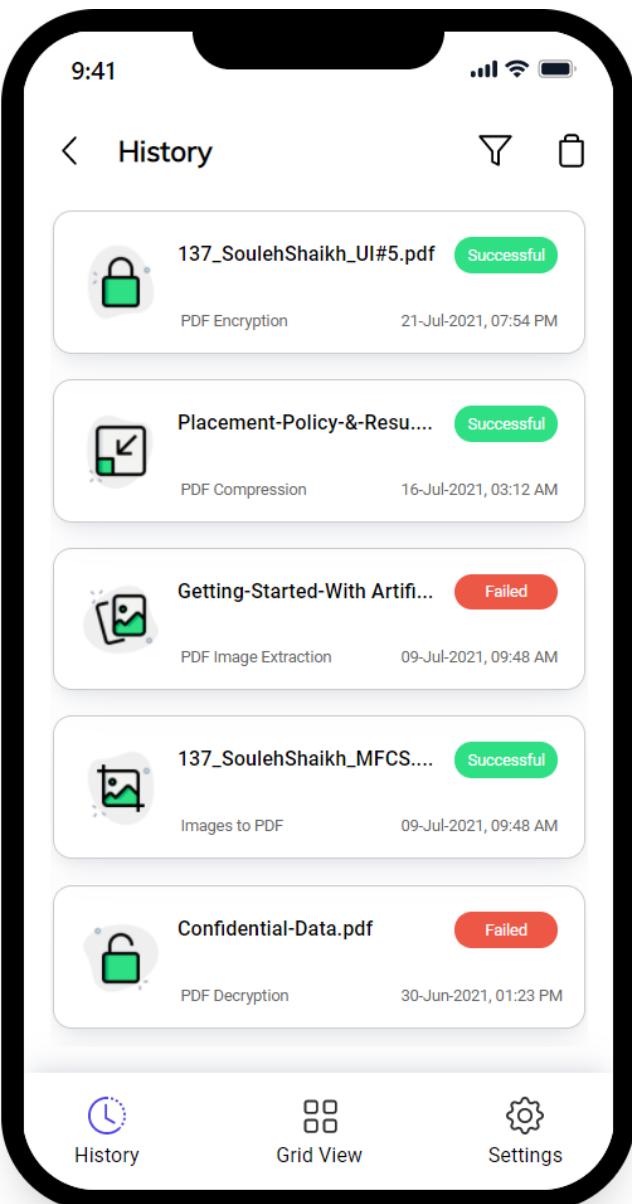
clearRecords.addEventListener('click', () => {
    if (isEmpty) {
        isEmpty = false;
        resetAnimation();
        return;
    }
});
```

```

} else isEmpty = true;
const baseShift = 360;
const records = recordList.children;
for (let record of records) {
    record.style.transition = 'all 1500ms cubic-bezier(0.68, -0.6, 0.32, 1.6)';
}
for (let i = 1; i <= records.length; i++) {
    records[i - 1].style.transform = "translateX(" + (baseShift * i) + "px)";
}
noHistoryFound.style.transform = "translateX(0px)"
);

```

Code Output



Evaluation

Project Name	File Pro Desktop App
Testing Start Date / Time	July 24, 9 AM
Testing End Date / Time	July 25, 9 AM
Name of Tester/s:	(137) Souleh Shaikh

Test #	Description of tasks	Steps To Execute	Expected Results	I completely agree	I somewhat agree	I am neutral	I somewhat disagree	I completely disagree	Defect / Comments / Additions
Task 1: Home									
1	Toggle Grid View Mode	Click on grid view button	View should be changed to either grid or details view	True					
2	Lock PDF Option	Click on the Lock PDF card	Should redirect to Lock PDF Screen	True					
3	Unlock PDF Option	Click on the Unlock PDF card	Should redirect to Unlock PDF Screen	True					
4	Merge PDF Option	Click on the Merge PDF card	Should redirect to Merge PDF Screen	True					
5	Img Extract PDF Option	Click on the Img Extract card	Should redirect to Img Extract Screen	True					
6	Img 2 PDF Option	Click on the Img 2 PDF card	Should redirect to Img 2 PDF Screen	True					
7	Shrink PDF Option	Click on the Shrink PDF card	Should redirect to Shrink PDF Screen	True					
8	Merge PDF Option	Click on the Merge PDF card	Should redirect to Merge PDF Screen	True					
9	Img Extract PDF Option	Click on the Img Extract card	Should redirect to Img Extract Screen	True					

Test #	Description of tasks	Steps To Execute	Expected Results	I completely agree	I somewhat agree	I am neutral	I somewhat disagree	I completely disagree	Defect / Comments / Additions
Task 2: History									
1	View History	Click on history button	Conversion history should be displayed in a most recent sorted order	True					
2	Clear History	Click on the delete button on top right	Deletes all the history records permanently	True					
3	Sort History Records	Click on sort button next to delete button	Sorts history records lexicographically on filename basis	True					

Test #	Description of tasks	Steps To Execute	Expected Results	I completely agree	I somewhat agree	I am neutral	I somewhat disagree	I completely disagree	Defect / Comments / Additions
Task 3: Settings									
1	Delete Source Files	Toggle Delete Source Files Control	Upon successful completion of operation the system should send source files to system trash	True					
2	Disable History	Toggle Disable History Control	Stop the system from further maintaining file conversion records	True					
3	Use External Storage	Toggle Use External Storage Control	Save converted files on attached External Storage instead of Internal Storage	True					
4	Send usage statistics	Toggle Send usage statistics Control	Anonymously send user activity and error data to App developers			True			

Test #	Description of tasks	Steps To Execute	Expected Results	I completely agree	I somewhat agree	I am neutral	I somewhat disagree	I completely disagree	Defect / Comments / Additions
Task 4: Lock PDF									
1	Select File	1) Click on browse file button 2) Locate the PDF on your system	The user should select files from its default file explorer	True					
2	Set Password	Enter password	Encrypt the PDF with entered password	True					
3	Set Security Type	Click on Security Type dropdown	While encrypting the PDF, the system should use that strength of security	True					
4	Show/Hide Password	Click on Show/Hide button	Mask or unmask the password field	True					
5	Convert Button	Click on the Convert Button	When trying to open the converted file only users with valid password should view the pdf content	True					

Test #	Description of tasks	Steps To Execute	Expected Results	I completely agree	I somewhat agree	I am neutral	I somewhat disagree	I completely disagree	Defect / Comments / Additions
Task 5: Unlock PDF									
1	Select File	1) Click on browse file button 2) Locate the PDF on your system	The user should select files from its default file explorer	True					
2	Enter Password	Enter valid password	If the password is valid, the system should unlock the file or else show error	True					
3	Show/Hide Password	Click on Show/Hide button	Mask or unmask the password field	True					
4	Convert Button	Click on the Convert Button	Password-protection should be permanently removed from file	True					

Test #	Description of tasks	Steps To Execute	Expected Results	I completely agree	I somewhat agree	I am neutral	I somewhat disagree	I completely disagree	Defect / Comments / Additions
Task 6: Shrink PDF									
1	Select File	1) Click on browse file button 2) Locate the PDF on your system	The user should select files from its default file explorer	True					
2	Export Options	Select either manual or web export option	If web option is selected then directly convert file and if manual option is selected show advanced conversion options	True					
3	Image Settings	Drag the slider to adjust image quality	Compress the image to that level to affect the converted PDF size.	True					
4	Stream Optimization	Tick option for stream optimization	Should remove duplicated or non useful links from the converted PDF	True					
5	Convert Button	Click on the Convert Button	Shrunked file should have less size compared to source file	True					

Test #	Description of tasks	Steps To Execute	Expected Results	I completely agree	I somewhat agree	I am neutral	I somewhat disagree	I completely disagree	Defect / Comments / Additions
Task 7: Merge PDF									
1	Select File	1) Click on browse file button 2) Locate the PDF on your system	The user should select files from its default file explorer	True					
2	Order of files	Press up or down arrow	By pressing up arrow the file should move up in the queue and vice versa in case of down arrow	True					
3	Add/Delete files	Press plus or minus buttons	If the plus button is clicked user can again select files and if minus button is clicked the file should be removed from the queue	True					
4	Convert Button	Click on the Convert Button	Merged file should have all the selected file entries	True					
Task 8: Img Extract									
Test #	Description of tasks	Steps To Execute	Expected Results	I completely agree	I somewhat agree	I am neutral	I somewhat disagree	I completely disagree	Defect / Comments / Additions
1	Select File	1) Click on browse file button 2) Locate the PDF on your system	The user should select files from its default file explorer	True					
2	Format Option	Select the format option from dropdown	Images should be exported in the selected file format	True					
3	Export Option	Select the export option from dropdown	Images should be exported either inside folder or as zip file	True					
4	Toggle Compression	Use the switch to toggle compression setting	The exported images should either be compressed or not based upon this setting	True					
4	Convert Button	Click on the Convert Button	All the images from the selected files should be exported in their respective resolution	True					

Test #	Description of tasks	Steps To Execute	Expected Results	I completely agree	I somewhat agree	I am neutral	I somewhat disagree	I completely disagree	Defect / Comments / Additions
Task 9: Img 2 PDF									
1	Select File	1) Click on browse file button 2) Locate the Image files on your system	The user should select files from its default file explorer	True					
2	Page Size Option	Select the page dimensions from dropdown	The exported PDF should be of the page size selected	True					
3	Page Orientation Option	Select the page orientation from dropdown	Image should be embeded into the PDF keeping the orientation in mind	True					
4	Page Margin Option	Select the page margin option from dropdown	Page should have the margin selected and also images should be resized accordingly	True					
5	Toggle Compression	Use the switch to toggle compression setting	The exported images should either be compressed or not based upon this setting	True					
6	Convert Button	Click on the Convert Button	Exported PDF should have all the images selected keeping all settings in mind.	True					

Conclusion

File Pro Desktop is a very easy-to-use Mobile App that runs natively on your phone, hence giving higher performance than other apps in the market. This app lets you convert documents in batch mode and covers almost all the essential PDF operations. Flat design and modern-looking controls have been integrated into this App's UI to look more appealing to users of all ages.

Links

Figma File:

https://www.figma.com/file/F4J6yodjQSJ2jGJta24jFA/137-Souleh-Shaikh-UI-Mini-Project?node_id=0%3A1

Prototype Video:

<https://youtu.be/GdoRhGJ46Cg>

Project Implementation:

<https://soulehsaikh99.github.io/file-pro-mobile-ui/>