UR Pad (OCR Note Pad )

By

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**Special thanks to Principal and faculty.**

We pay a bundle of thanks to our Principal who is providing us an opportunity to prove ourselves on trusting our abilities. We are also thankful for the efforts and favor of faculty. We assure you that we will work whole heartedly and devotedly and consume all our resources and favor provided by management team.

We are also grateful to our Head of department who took this project as their own task and guidance us on every step by supervisor

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**DEDICATION**

This Project is dedicated to our parents, who taught us that the best kind of knowledge to have is that which is learned for its own sake and even the largest task can be accomplished if it is done one step at a time. We dedicate this work and give special thanks to our many friends for being there for us throughout the entire BS program. All of you have been our best cheerleaders. We also dedicate this dissertation to our many Teachers. We will always appreciate all they have done, especially Mr. ABDULLAH JAVED for helping us develop our technology skills and

Mr. MUHAMMAD IKRAM UL HAQ for helping us to master the leader dots.

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**DECLARATION**

We, **FARZEEN SHAHZAD** s/o Muhammad Arif Roll# 17631556-039 students of Bachelor of Science (Information Technology), Department of Computing & Information Technology, University of Gujrat, Pakistan, hereby solemnly declare that the data quoted in this report titled “Digitization of Govt. Postgraduate College Jhelum ” is based on our original work, and has not yet been submitted or published elsewhere.

FARZEEN SHAHZAD

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I certify that **FARZEEN SHAHZAD** s/o Muhammad Arif Roll# 17631556-039 students of Bachelor of Science (Information Technology), Department of Computing & Information Technology, University of Gujrat, Pakistan, worked under my supervision and the above stated declaration is true to the best of my knowledge.

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**PROJECT COMPLETION CERTIFICATE**

It is verified that this report titled “UR Pad” I certify that **FARZEEN SHAHZAD** s/o Muhammad Arif Roll# 17631556-039 students of Bachelor of Science (Information Technology), Department of Computing & Information Technology, University of Gujrat, Pakistan, contains sufficient material required for the award of above said degree.

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# 1. INTRODUCTION

The two major problems faced by users are limited storage and access of data at any time anywhere. Our project is going to solve these problems by using UR Pad**.**

# 2. FEATURES OF APP

We here propose an **UR Pad** which stores your notes using cloud services where you can access your data from any where after being authenticated by our server. We also provide service of image detection and after detecting text from an image you have an facility to save your detected text in notes using cloud service.

# Authentication

First of all, you must have an account. If you don’t have an account you can sign up easily.

* Login
* Forget Password
* Signup
* **Login:**

You will use phone number to let users to login to their accounts

* **Forget Password:**

On going forget password you will be redirected to our authentication screen where you will have to add phone number which you used for creating an account. Where after entering phone number you will be redirected to a screen where you will have to enter **OTP (One Time Password)** aftergetting verified you will be asked to create your new password and then redirected to Login screen.

* **Sign Up:**

You will be asked for giving general information about you. Here main thing is you will have to use a phone number which you are going to use for login and for authentication process.

* **Home:**

Here you will have two main function of our app.

1. Note Pad
2. OCR

* **Note Pad:**

You can write your unlimited notes and store them without having any memory issue as we provide cloud service. You can view your all notes in an recycler view and can also edit, delete later on.

* **OCR:**

Here you will use an text recognition technology where you will took an image in real time and then can detect text from image if text detected. Detected text is provided on note pad screen where you can edit it also and can save it if you want.

# 3. PURPOSE

* Provide Cloud service
* Provide data security
* Provide data access from any where

# TOOLS & TECHNOLOGY

* **Programming languages**
* **Java**
* **Tools**
* **Android Studio**
* **Firebase Server**
* **Text Recognition**

# . CONCLUSION

UR Pad is your Notes taking App where you store data get data at any time from any where with authentications.