

Online Live Certificate TEAM 39

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PROBLEM STATEMENT

- Digitization of producing live certificate for pensioners.
- Develop a solution to ease the procedure to avail live certificate.
- Develop a solution to avail live certificate within fingertips.

SOLUTION

- To create an interactive platform helping pensioners produce live certificate.
- Ease the need to travel to a help center.
- Allow to avail the live certificate at any time or day.
- Allow NRI's to avail live certificate hout coming to India

Process Stages



Research

Initially we choose the problem based on what problem statement required us to do. We choose to address issue regarding

Design

Our approach was to use a video with frames of live video taken to help identify a person and compare it with existing details in database.

Develop

We planned a design which would be easy to use for non tech savvy people. An easy UI allowing easy navigation.

Review

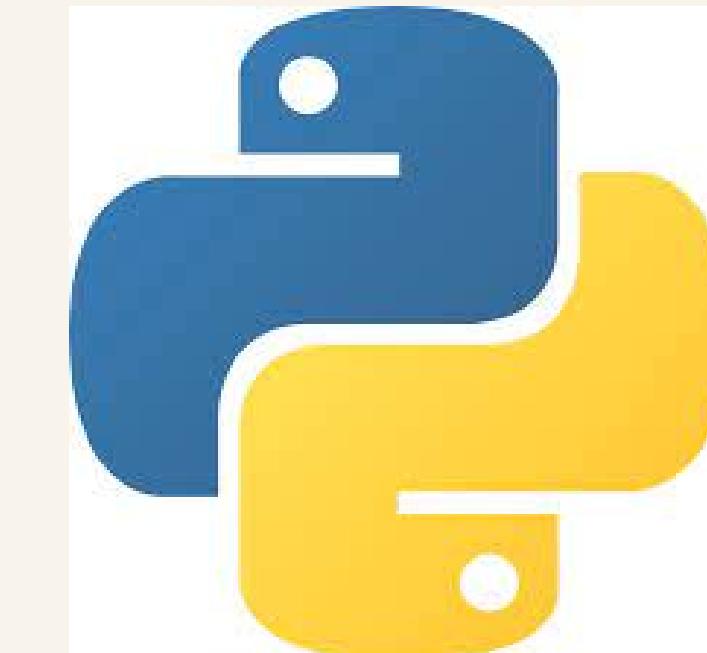
We took into consideration about things about who will be using our product and what all things would help to ease the process.

TECH STACK

HTML



CSS



PHP



SQL

Modules



User

Pensioneers

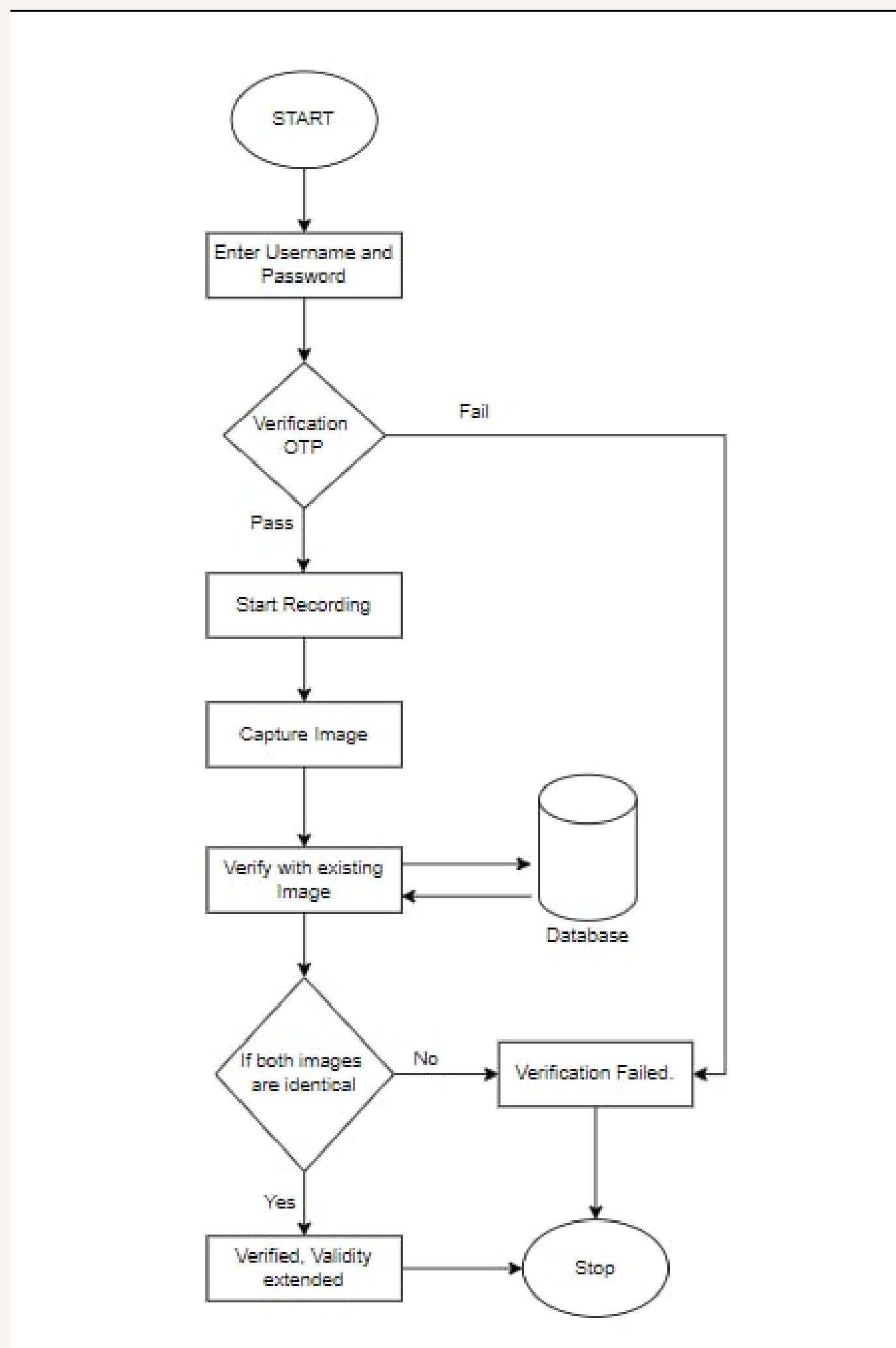


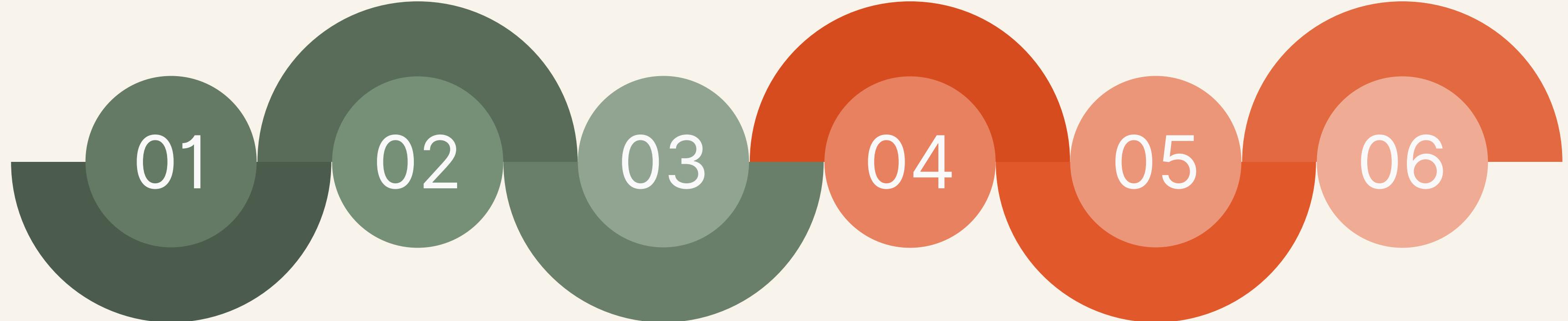
Admin

Login and Registration
Database of image

WORKING

- The pensioner accesses the site and then enters his details to login / register.
- He can use any government authorized photo id card (Passport , Driving license etc.)
- Once a user logs in he can then proceed to record a short video
- Frames are selected from video to compare from photos existing in database and from that of given photo id proof.
- If the compared image give above 75% same image then generate live certificate.





26/04/22

Good Tech Scholar Tech Event

Went through problem statements

27/04/22

Had a mentor meet and discussed how and what
to be looked at.

Suggested some solutions

28/04/22-30/04/22

Comparing of different solutions.
Different feasibility studies.

01/05/22-04/05/22

Creation of plan of execution.
Fixation of idea

Finding pain points to which the solution will
deal with.

05/05/22

Creation of Git repository.
Started on working on implementation.

06/05/22

Integrating solutions implemented by each
individual.

Addition of extra features and embellish
the final prototype.

CONTRIBUTION

AQUEEL AFTAB RAWTHER

OTP Authentication
Image Comparison

SHIYAS T S

Live Image capturing.
Back-end storing of Images

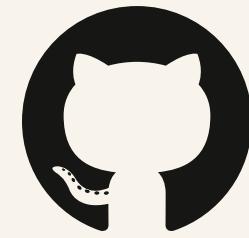
AFFAN MOHAMMED

Database creation
Image Comparison

SAIGANESH POPURI

Front end (form creation)

LINKS



https://github.com/affanmohammed/IBM_CodeChallenge_Team39



<https://youtu.be/aH3ubaJEv4E>

ANY
QUESTIONS?





**THANK
you**