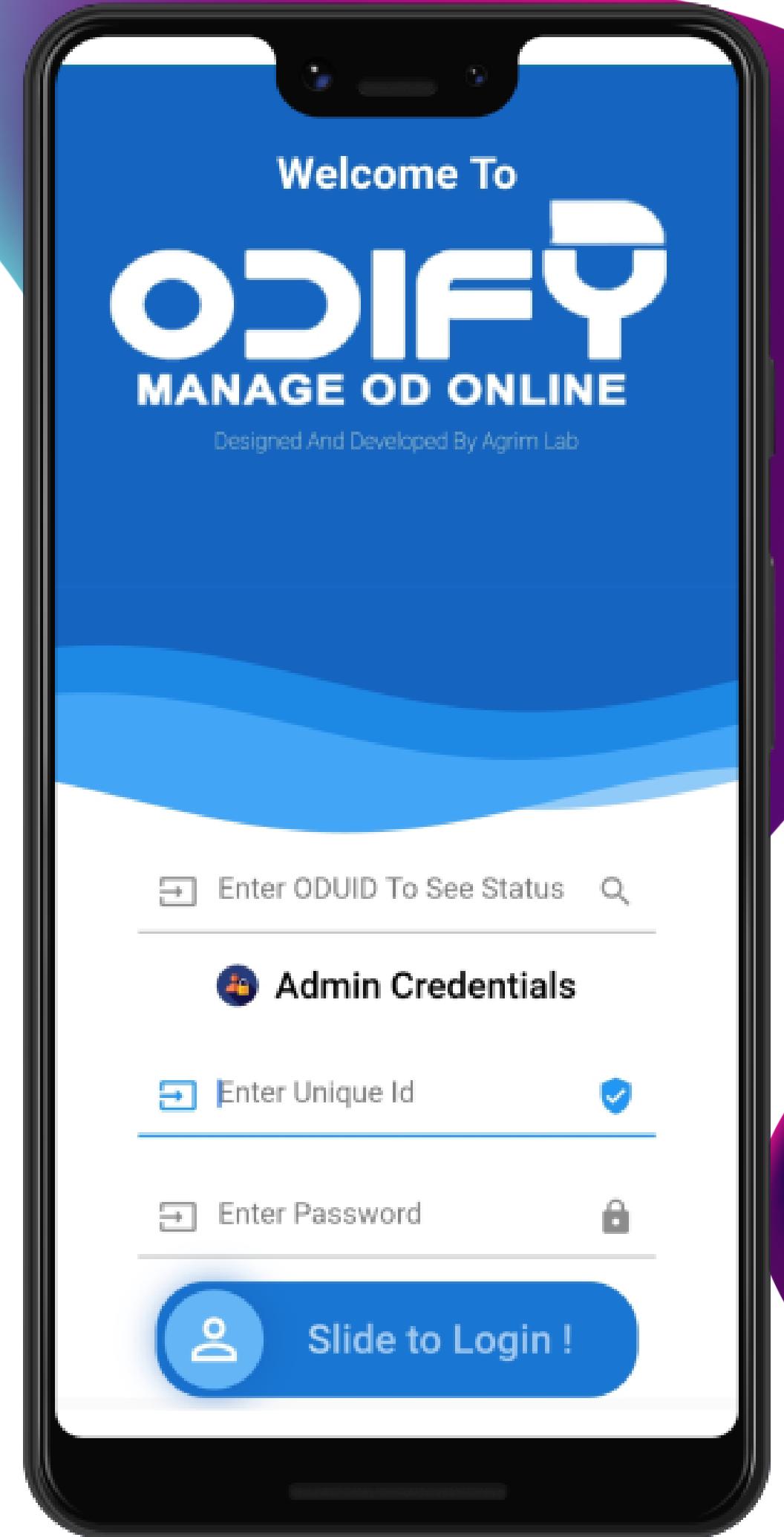


By :- Ritesh Singh
RA1811003020013 CSE

Handcrafted In India



01

3.5 billion to 7 billion trees cut down each year around world. 35% of them are used to produce papers.

By making a whole OD process online through technology we are trying to make a small contribution towards an eco-friendly environment.

Why ODIFY ?

Eco Friendly

Through this application, approximately 200 pages are saved daily. Leading to $200 * 120 = 24000$ (approx) pages are saved in a semester, which is more than enough for the education of at least 50 primary school students in India.

Authentic

99.9% of authenticity is guaranteed. All OD(s) transactions are done only through faculty members, no involvement of students exists in OD(s) allocation.

Time Efficient

All features at your finger tip saving the permission sanctioning overheads. The **hierarchy of verification** is very well defined and maintained to increase time efficiency.

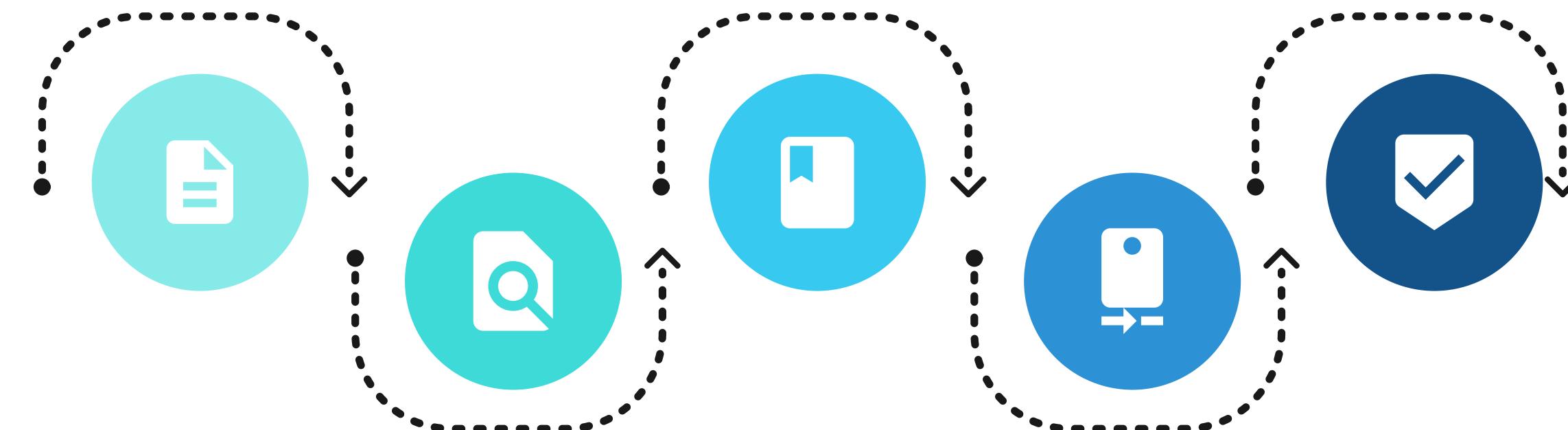
Verified

Get 100% verified information . 20 digit ODUID number is generated which is unique for each OD and associated student's details. Verification of OD is done through this 20 digit ODUID number only.

03

PROCESSING OF OD

How ODIFY is working ?



1 - OD Create

OD is first created by the faculty members with all necessary details.

2 - OD UID Number

After the successful creation of OD a unique ODUID number is generated.

3 - OD Verify

OD is verified only if it passes 3 level of verification :- Professors Year Coordinator , HOD

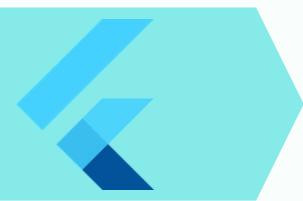
4 - Verification

With the help of ODUID number and register number the authenticity of OD can be tracked in application.

5 - Revoke OD

Anytime OD can be revoked by the admin.

04



Framework Used

Google Flutter 1.17.1



Back-end

Google Firebase ver -



API Level

API-29.



Size of the (.apk) file

20.2 mb Approx .

Technical Information of the application

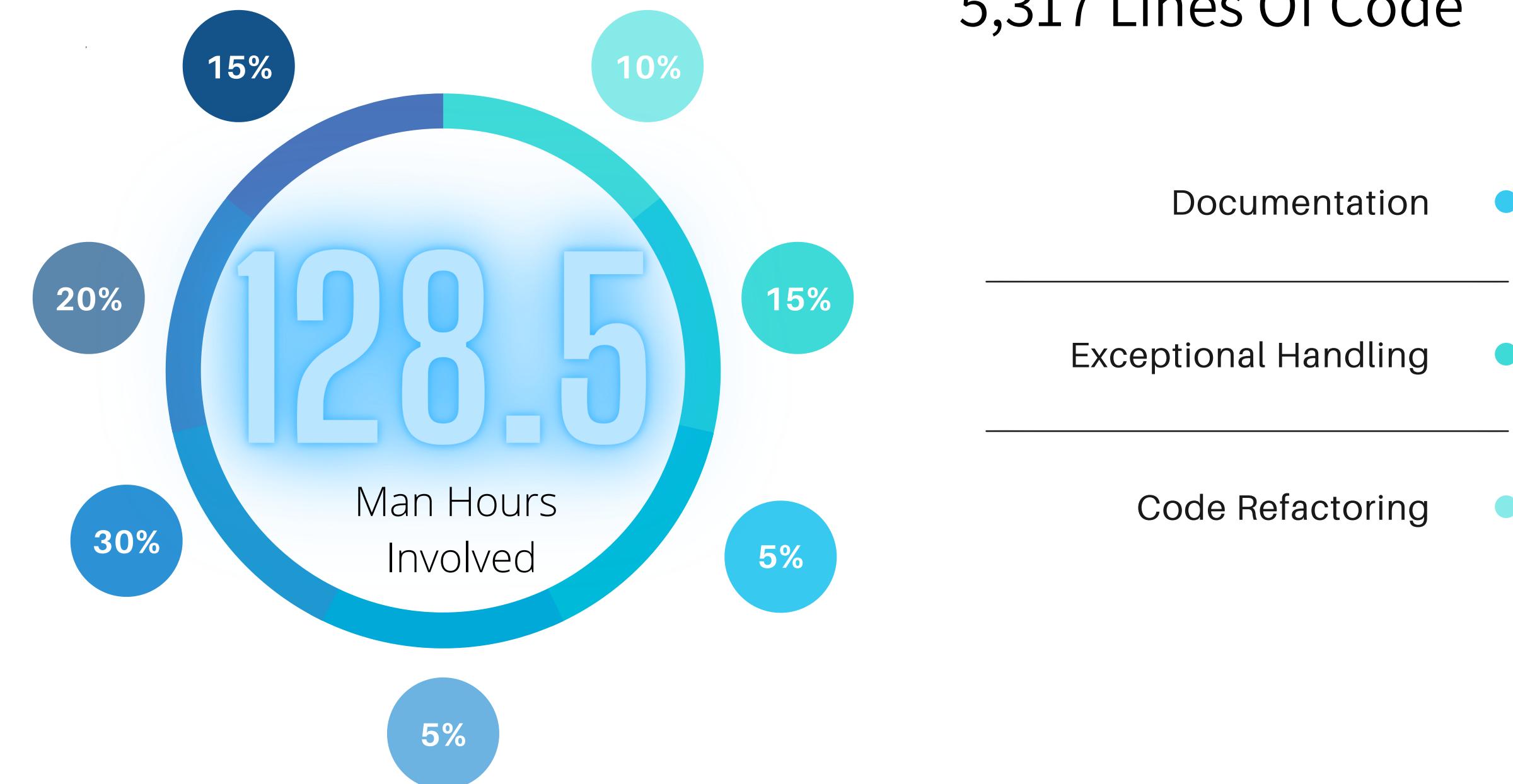
For detailed information

Ritesh Singh

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PROJECT EFFORT ESTIMATION

- UI/UX
- Firebase Connectivity
- Testing & Debugging
- App Signing And Building



06

FEATURES OF ODIFY V1.0

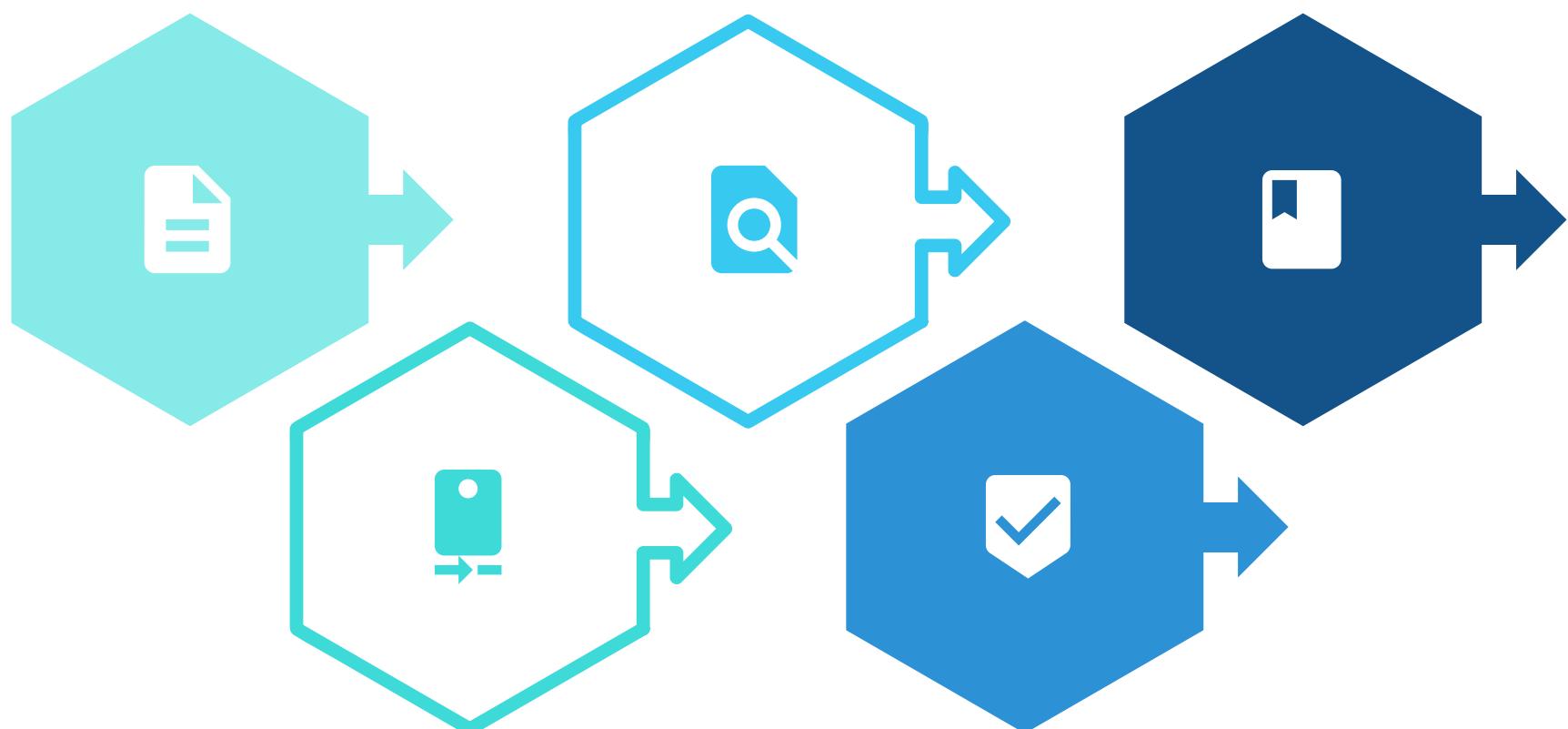
29 July 2020

1 - Create OD

Create OD with all necessary details of event/workshop/other and student's data

2 - Sign Od

Three levels of fully digital OD authentication is done through the application.



3 - Check OD

Check and verify the OD with ODUID number

4 - Verify Register Number

Check whether the student is on OD or not with the help of register numbers

5 - Revoke OD

Revoke OD anytime using ODUID number.

SDK VERSION AND RECOMMENDED CONFIG

01

MINIMUM SDK VERSION

Minimum SDK version required is 16

02

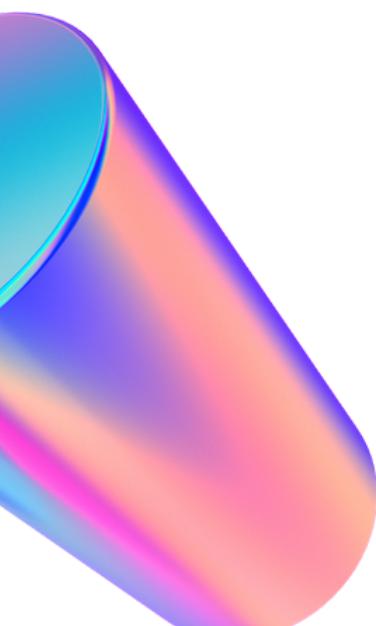
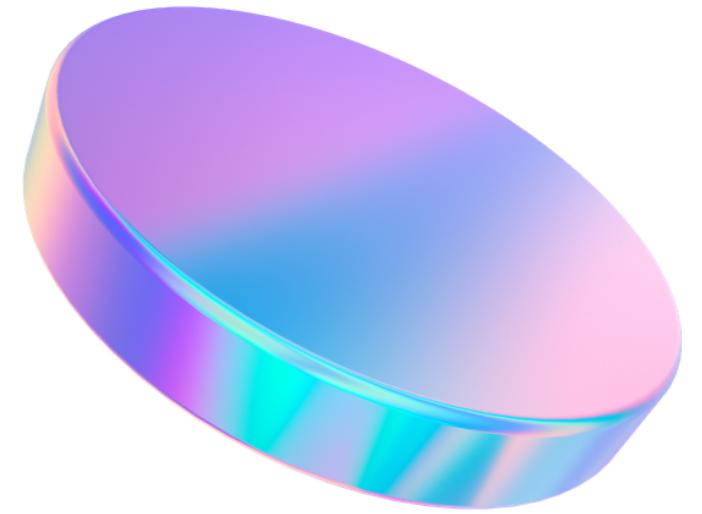
TARGET SDK VERSION

Target SDK version of this application is 28

03

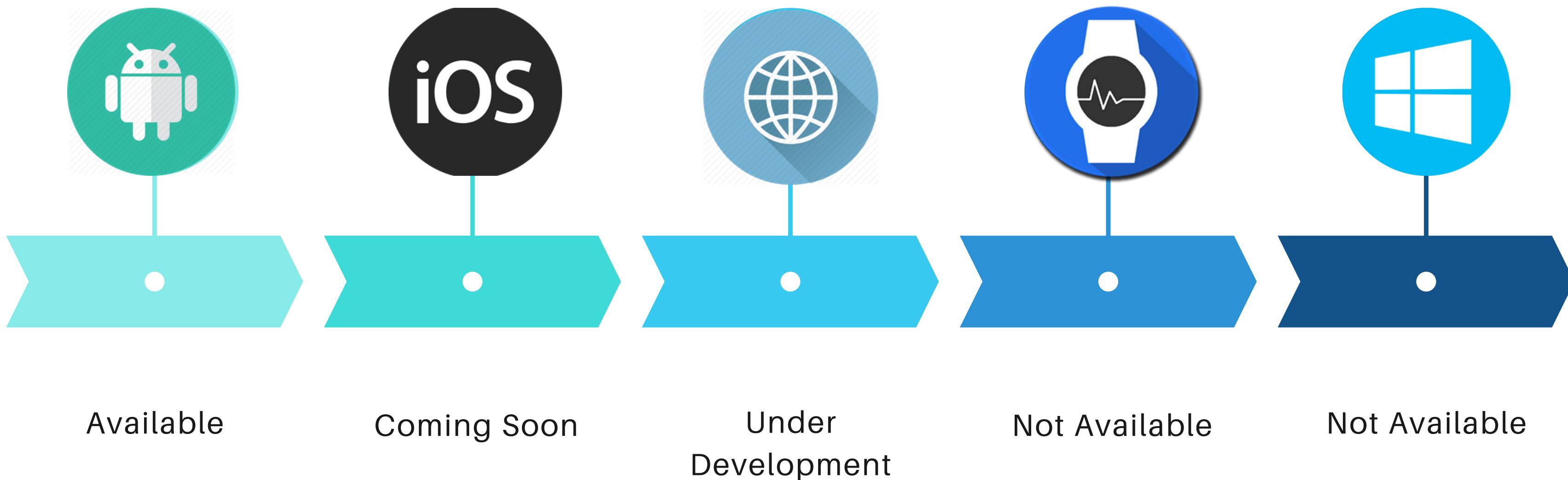
RECOMMENDED CONFIG

Recommended configuration for ODIFY is Android 5.1 and above



PLATFORM AVAILABILITY

ODIFY ver-1.0



"You are a marvel. You are unique. In all the years that have passed, there has never been another child like you. Your legs, your arms, your clever fingers, the way you move. You may become a Shakespeare, a Michelangelo, a Beethoven. You have the capacity for anything."

- Henry David Thoreau

THANK YOU
Agrim Lab