

**Grey Shades Mobile Application Development**

**Aim:**

To create a full-fledged Video Streaming Application with an admin panel for Grey Shades that will help customer/user to stream videos of various categories, allow them rate/review the on the videos and interact with the app in a smooth way for both Android & IOS

**App Details:**

The app mainly involves 4 options:

• Signup and Login (Social included)

• Video Streaming of various categories in portrait & horizontal format

• Upload & sharing of content by the user.

* Push Notifications

**App Flow:**

* User can sign into the application with an email and a password (Free for first 3 months then a subscription model)
* In the home screen, users can view the list of videos present in the application
* Users can browse through different categories present
* Specific Videos can be searched through in the application by the user
* User can mark & stream their favorite videos available in the application
* Display of videos which are in series in a way that can be navigated by elderly knowing collection of videos parts on same topic.
* Notifications will be pushed for every new release of versions and videos
* Elderly can share the video from the app over social media, whatsapp extra and other person can watch downloading the app. Preview of video & details to be shown.
* Dedicated category of community stream, where elderly from public can upload and is visible to all in that category after review from the admin panel.

**Admin Panel:**

* Admin can manage every content in the application
* Data tracking features like time watched, active users, daily users etc. will be available
* New Videos and categories can be added through the admin panel
* Customized notifications can be sent through the admin panel

**The Application will have a responsive design that will be easy to use by the elderly**

**- Features which will be customized according to the need:**

* Live streaming
* The application will be easily scalable once it has a large number of subscribers

Features in the long term (optional):

* Subscriptions Model & Payment Gateway integrations.
* Building community teams and groups in the app for the elderly to network and collaborate for activities, events, workshops etc.
* Language Friendly: Many of the elderly people find it hard to read English. On a later stage, the app can be customized in three languages i.e English, Hindi, Punjabi

**Requirements:**

* Use of linux php development platform.
* For database: MySQL and making own streaming apis for speed and app friendly optimisation.
* Flutter development for both android and iOS
* PHP development for admin console
* OAuth2 Security for admin and mobile app security
* Monitor system for optimization and data tracking

UPDATED

GREY SHADES APP FLOW/SCREEN FLOW

App Flow:

•User can sign into the application with an email and a password (Free for first 3 months then a subscription model)

•In the home screen, users can view the list of videos present in the application

•Users can browse through different categories present

•Specific Videos can be searched through in the application by the user

•User can mark & stream their favourite videos available in the application

•Display of videos which are in series in a way that can be navigated by elderly knowing collection of videos parts on the same topic.

•Notifications will be pushed for every new release of versions and videos

•Elderly can share the video from the app over social media, whatsapp extra and other person can watch downloading the app. Preview of video & details to be shown.

•Dedicated category of community stream, where elderly from public can upload and is visible to all in that category after review from the admin panel.

Screen 1(opening) -

App logo

Screen 2 -

Login and signup - already shared with you

-here you can register using your email and phone number

- this will use OTP to verify (OTP screen is shared as well)

- this will use email and password to login

Screen 3 -

Home :

List of categories of videos in a Gridview(Example of GridView attached below :)

- On the footer, there will be a navigation bar

With four options(icons) Upload, Home, saved and Settings/My account

- On top there will be a search bar

- on top right there will be a logout option/icon

Screen 4 :

Upload Screen (as shared, need some edits)

-along with what is share, the upload screen will give user to ‘record and upload’ or ‘directly ‘upload from gallery’ options,

-user can mark the video under any category

-user will get a space to use video tags(like youtube)

Community tab :

Community tab where user uploaded videos will be visible,

There are two ways we can do it :

1.) put a community button on the top or bottom navigation

2.) in each category we can show grey shades videos at the top and user uploaded videos under : ‘Community section’ of that category

Note : my account, settings, all these will be separate sub-screens that are not included in this documents