MOBILE APPLICATION FRAMEWORK

By Viduth Tennakoon

FRAMEWORK SOLUTION TO DEVELOP TODONOTES

I would use Hybrid App Development.

Because the app has low requirements, Faster initial speed to market so its better and we can use the same code on multiple platforms, It also cheaper than others so i think Hybrid app development is the best.

CONSIDERATIONS DONE WHEN DECIDING A MOBILE APPLICATION FRAMEWORK

- Development costs
- Performance
- Security
- Time to market
- Maintaining costs
- Availability
- Hiring
- UX UI design

NATIVE APP DEVELOPMENT

PROS	CONS
Native apps work even if there is no internet connectivity.	High cost of development
Native programming allows utilizing to the full the capabilities of both the device and the system it's running	Time-Consuming Development
Native apps have very good Security & reliability	Native Apps Require Frequent Upgrades

HYBRID APP DEVELOPMENT

PROS	CONS
Hybrid apps are typically much faster to build	User experience should always be of utmost importance
A hybrid app is cheaper to create than a native app.	Performance issues
One Codebase, hybrid app can be built just once and released on both Android and iOS.	Connection Limitations, Because they're essentially websites, hybrid apps don't work offline.

PROGRESSIVE WEB APPS

PROS	CONS
PWA's are responsive to any and every device. Desktops, tablets, mobiles and any other device.	Logging into your PWA using another application such as Facebook or Instagram is not supported using this technology.
Offline connectivity.	No download store
They work for any web browser.	Limited access to your other applications

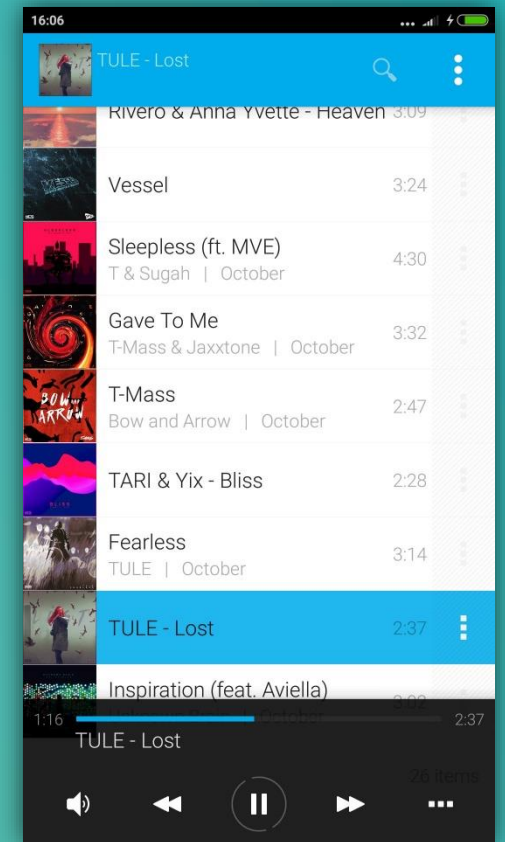# A VALUE-ADDED FEATURE FOR "TODONOTES"

- Edit Button **Edit**

I think its better to have a edit button in case you go wrong, and you can edit it. It can make the user work easier.

FAVORITE MOBILE APPLICATION

Avee Music Player (Lite)

- Its a lightweight music player with folder browsing, equalizer, song cross-fading, and video playback capability. Most notable features include audio visualizer and easy HD video production. You can also import and export visualizer templates as files and find various other ones shared online.

- The best thing I like about this app is the Ui & Ux , this app is so simple that everything you need is just one slide away.

- Features:
  * Most popular media formats supported
  * Direct folder browsing with folder shortcuts
  * Customizable audio visualizers.
  * Export visualizer as hd video file.
  * Searchable library, queue, files,
  * Screen orientation lock
  * Read and save playlists (pla, pls, mpcpl, plp, m3u, m3u8)
  * Lock-screen and status bar widget
  * Supports media and blue-tooth controls
  * Sleep timer
  * Equalizer
  * Cross-fade and gap-less transitions
  * UI color skins
  * 2 types of internal players

REFERENCES

- https://drive.google.com/file/d/1yKw_GxBDuvZdejMh0Thb8GnnVSNjA30k/view?us p=sharing