



Porting of proxyMITY on Aakash Tablet


Team Details

Members:

1. Pavan Goyal
2. Harsharanga Patil
3. Garima Goswami
4. Namrata
5. Manisha Rajput
6. Sukanya Remesh
7. Venus Chawla

Porting of ProxyMITY tool on to Aakash tablet

- “ProxyMITY” serves as a “Proxy” , It provides virtual closeness (proximity) without the actual classroom.
- MITY stands for “ Multimedia Integration Tool for You” that helps teachers create dynamic , rich media lectures: ones that let them go beyond using simple text and images.

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- Earlier, this facility was limited to desktop platforms only.
 - As the popularity of the tool increased, so did its need to be ported to more kinds of platforms.
 - Through this project, we aimed at porting this tool on to the Aakash tablet.
 - We use the Aakash tablet as, in the future, the desktop and laptop computers will be replaced by more portable forms like tablets.
 - As Aakash is the cheapest tablet available, its popularity will be much higher and by integrating this Multimedia tool, we aim at using this technology extensively in the learning process.

Functionalities:

- Sliding Drawer: As the screen of the Aakash Tablet is relatively small, all the themes and contents of the tree structure need to be hidden. When the sliding drawer is opened, the tree structure is displayed via the Expandable List.
- Bookmarks: Whenever a lecture video is being played, if we wish to pause and save the video's position such that it may be played at a later time, we may add a bookmark of the lecture video using the 'Add Bookmark' functionality.
- Subtitles: If we wish to view a lecture video with subtitles, by selecting the 'Choose subtitles' functionality, we may choose subtitles for them from a list provided.

Future Enhancements

To add a functionality which may be used to view lecture videos in multiple regional languages like Hindi, Marathi etc. such that the expanse and effectiveness of this tool may be increased.

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Thank You!