Summer Project : Papers App Architecture

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Basic working

Throught this app we will use a listview. Listview needs an array which contains all the elements which you want to get displayed. Clone the summer project repository and install the app which demonstrates Listview.

When a user will open our app then we need to show him in list view all the subjects whose question papers we have. So when we open our app the app from the device will send a request to the server asking for the subjects array. The server will recieve the request and it will send the array to the device. Now the app will receive this array and it will display the subjects list view of subjects.

Now say the user has selected "PDS". Then we will open a new layout in the app and show a listview of the names of papers available with us.

For example for PDS :

Midsem Autum 2013

Endsem Autum 2013

Midsem Spring 2014

Endsem Spring 2014

Midsem Autum 2015

So we need an array with all the above names. Hence when we click on PDS our device will send a request to server asking for the the array with the above names. The server will send the array with the above names. Again the app will receive and display the above list.

Now if the user clicks on a paper then the device will send a request to the server asking for paper. The server will send the respective PDF or Image. Our app will download it and save it.

This is the way our app works. Now you must divide the work, figure out what technologies to use and how to do it. After all it is your project. As a mentor I have told you how to do. Use google to find how to do. Or else ask me. You have 15 days more. It is sufficient to learn and do it if you spend quality time on this.