

K. J. Somaiya Polytechnic

(COMPUTER ENGINEERING DEPARTMENT)

Project Title : BOOKLESS

Group Members : FCOG12132 Badal M. Kotak
FCOG12134 Madhura S. Kulkarni
FCOG12139 Shreya A. Majithia
FCOG12148 Akash A. Parmar

Project Description : This Innovative E-project will help reducing burden for students to carry notebooks and textbooks to colleges everyday; by digitizing all textbooks online. The idea behind this project is to give students a light weight low in cost but still very powerful tablet like computer with internal storage to act as all in one hardware to retrieve and store textbooks, take down notes as well as carry assignment books in digital format with them in secured environment. Not only that it help teachers to automate attendance process and generate defaulters list. In addition this project has online virtual notice board where students can view the latest notices along with facility for students to submit their doubts from anywhere .

Mobile is name of the game as smart phone users in India are increasing like wildfire and students adopt it fast, considering the fact an Android Application will be made available to students free of cost to access time table, raising doubts, notice board on the move. Learn with fun is also considered by providing them private online chat tool to discuss projects in real time. In short this project will provide the students with an all new way of learning.

Software Required : HTML, PHP 5.5, CSS, MySQL and ANDROID DEVELOPMENT TOOLKIT.

Hardware Required : Raspberry Pi, Battery, 7.2" LCD screen.

Estimated Cost : Rs 5,500/-

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Project Title : E-CARD

Group Members : FCOG12132 Badal M. Kotak
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Project Description : E-Card will be a unique application that will have a commercial as well as a social angle to it. It will be a Android mobile application that will allow exchange of visiting cards in a digital format. It will help replace the physical cards with a virtual E-card, this E-cards can be exchanged when people meet. After this exchange of cards the user can then chat with each other and get updates from the card holders they have in their list. To do this, it is as simple as downloading the application, registering by designing a card from the available templates and entering the required details, That's it.

The E-card project will also include a website mainly for mobile users whose mobiles do not support the E-card mobile application. They can register and exchange cards from the E-card website by exchanging a unique pin that will be provided to each user. The website will also be made available to the mobile application users if they want to access the E-card service from their computers.

Software Required : HTML, PHP 5.5, CSS, MySQL and ANDROID DEVELOPMENT TOOLKIT.

Hardware Required : GSM toolkit.

Estimated Cost : Rs 1,000/-

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Project Title : CAR SHARE

Group Members : FCOG12132 Badal M. Kotak
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Project Description : Fuel prizes are rising a lot now a days. Earlier buying a car was a dream for many but now taking their car at work daily has become a dream for many. Carpool is a perfect option in a metropolitan city to save cost and get more comfort. We will be making an application that would provide a centralized place where you can plan your carpool. All you have to do is login to our application and enter the route to were you want to go and from where you want to go and your preferred time to travel. You will the be suggested people who are ready to carpool for that route at that particular time. With this we will provide you real time locations of different user on map in our application. Eg: If you want to know were the user with the car has reached. You can check it out on the map that we will be providing in our application. We will also be providing a Online website for the same.

Software Required : HTML, PHP 5.5, CSS, MySQL and ANDROID DEVELOPMENT TOOLKIT.

Hardware Required : GSM Kit

Estimated Cost : Rs 1,000/-