**COMPLETE PROJECT STATEMENT**

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Problem

Due to increase in strength of new batches , library is not able to satisfy the requirement of books for all. Old books are purchased mostly by the students and hence are sold again after use , for which they need to waste time and spend more due to a commercial seller in between the transaction . Same is the case with other materials like cycles, Engineering drawing materials , etc. In some cases the notes are to be taken from photocopy shops even when the softcopies are provided by the teachers.

Scope

The system is going to provide a platform to the students of our college to buy and sell essential used items within themselves by sharing contacts of the seller and buyer with each other.

Expected activities

A database which stores the details of the product to be sold ,including the details of the seller will be made accessible through a website and when a buyer wishes to buy a product using the website email details of the buyer and the seller will be shared with each other.The website will also provide with notes which are are provided by the teachers as well a sthe books which are available in softcopy.

**FUNCTIONALITIES**

**USER LOGIN**

First of all, a login page will be created which will authenticate only PEC students having pec email-id provided to us. This will be done when after taking credentials - username and password will be verified using Google API .

**OPTIONS FOR SELLING/PURCHASING ITEMS**

Sellers can upload details of the product they wish to sell and when there is an interested buyer

Contact details of the seller will be shared with him.

**ACCESS RESTRICTIONS**

Updating status of a product will be available only to the seller of the product.

**SKILLS REQUIRED**

HTML, CSS, JavaScript;

MySql

**DATA FLOW DIAGRAM :**

**Level 0**

