**Billing System**

**User Scenario**

The billing system has four kinds of users: an admin, a director, coordinators and normal users. The admin has the supreme authority over the whole system. He can promote any user to a coordinator. Also anytime he can demote a coordinator to a normal user.

Every user needs to be authenticated to enter into the system. There are some categories on which bills are made. If a user wants to make a bill, he enters the name of the bill. Then he selects the category/categories of the corresponding bill and enters the amount for each category. If the category is not listed, the user can request for adding new category. The admin adds new categories based on requests from the users.

Then the user creates a document of the bill and sends this document to the corresponding coordinator of the bill. The coordinator makes a validation check on the bill and then approves or rejects the bill. If the bill is approved or rejected, the user is notified about it. If a bill is rejected, the user can edit the billing document and send it back to the coordinator again for approval. If the bill is approved, the coordinator sends it to the director for final approval. When a bill is sent for final approval, the user is notified about it again. The director approves it and the system notifies the user about the approval. After final approval, user can generate a pdf of the bill and print it out.

**Billing fields:**

* Admission
* Examination
* Extra-curriculum activity
* Games
* Cultural programs
* Picnic
* Script Checking
* Overtime
* Food
* Training Programs
* Regular course
* Short course
* Maintenance
* Buying new things
* Repair