Project Proposal for Timetable Scheduling Validator

Title of the Project : *Timetable Scheduling Validator*

Objectives: The aim of the project is to prepare a system to validate timetables of technical colleges.

Project area and Task description:-

Traditionally time table management has been a tough problem. There are too many parameters to take into consideration while prepation of a time table. Most of such parameters are personal in nature and so an automated system has limited role in it. However validating a time table too is fraught with problems related to human error. In this area a time table validator can be employed to ease the task of time table validation and to eliminate errors which commonly occur during time table making.

This project "*Timetable Scheduling Validator*" is targeted towards the scheduling of timetables in technical colleges and their validation. The timetables will be provided for on-line access throughout the LAN.

Main Modules:-

CLASS MANAGEMENT:To manage the occurrence of classes i.e which classes will be held when and how many times a class will be held in a week.

ROOM ALLOCATION:To manage which class will be held in which room.

MANAGING FACULTY MEMBERS:To manage which faculty member will be assigned with which subject of which class and how many number of classes are assigned to the teacher.

TIME(SESSION) MANAGEMENT:To manage timing of classes to avoid overlapping.

RECESS MANAGEMENT FOR DIFFERENT GROUPS: To manage timing of recess periods of different batches.

LAB MANAGEMENT:To manage timing of labs to avoid overlapping.

REPORTING: There will be reports generated in several formats for distribution among students, faculty members etc according to class, section, lab etc.

Tools, Platforms, OS and Languages used:-

OS:	Linux
IDE:	NetBeans 6.7
Framework:	Java 5 Enterprise Edition
Language:	Java
Database:	MySQL server version 5

Registration No.	Roll No.	Name	Signatures:
0601204126	S/06/38	Astanki Dash	
0601204146	S/06/58	Jayashree Malla	
0601204148	S/06/60	K.Divya Rani	
0721204014	LE/S/07/91	Gayatri Rath	
0721204015	LE/S/06/92	Swapna Rani Panda	

Guide's Signature: