**Student Placement Management System (SPMS)**

Synopsis: SPMS is a web based application to Manage Students’ Profile, Academics and Placement details. SPMS  have access to all  concerned teachers to view and generate various reports. Salient features (Modules) of SPMS are as follows:

1. Master Data Management

* Department Master
* Course Master
* Subject Master: This will be based on the pre configured department and courses. One department can have multiple courses and one course can have multiple subjects.
* Calendar Management
* For Admin: A grid will be populated with Full Year calendar. Each date will be clubbed with a check box indicating it as a holiday. On click of any date, the admin will be able to enter the type of holiday. Sundays will be by default marked as Holidays, but can be marked as non-holidays by the admin. The cell colour will be different for the holidays.
* For Users Other Than admin: These users will be seeing a grid with Month and Dates in which different holidays like: Government Holidays, College Declared Holidays, Sundays, Semester Vacations etc. Will be highlighted in different colours.
* Role Configuration: The Admin will be able to configure roles from a pre-populated list of roles, to the respective users. There will be different user roles namely: Student, Teacher, HOD, Placement Officer etc.
* Header Configuration: The Admin will be able to upload a Logo for the college which will be situated at the header of the website. Also, he can configure the college name and caption, out of which the former will be displayed as the title and the later will be displayed along with the logo
* State Master: This page will allow the Admin to add, edit or delete, Upload different States on India for the users while filling the address (Local, Permanent, Communication etc.).This item will be added later.
* City Master: This page will allow the Admin to add, edit or delete, Upload Indian Cities against the respective state. This item will be added later

1. Student Profile Management:
   * + For Admin:
       - Add Student: The Admin can add the student’s personal details manually. As soon as the record is submitted in the database, a password will be generated for the submitted USN and will be mailed to the student for login purpose
       - Edit/Delete Student: On Page load a grid will be populated with all the added students. The Admin can search a particular student and edit his personal details or delete the student record
       - Verify Student: A separate link will be provided to the Admin, which will show the list of unverified students (i.e. the students who have registered from the web site directly. The Admin needs to validate the personal details submitted and then verify the student). Until a student is verified he/she should not be able to access any of the links other than Verify Status in the Student Module. Once the Admin verifies the student, an email will be sent to the student and all other links will also be enabled for the student
     + For Teachers/HODs:
       - Personal Details: The Teachers/HODs will be able to see the list of students belong to their respective departments. A search option will be provided to filter student list. On selection the student’s details will be shown to the teacher/HODs
       - Attendance Details: The teachers/HODs can update any student’s current attendance details

* + - For Students:
      * Register: A student can register him/her self from the web site directly by entering his/her personal details. On submission, an email will be generated for the admin with verification request, and another email will be generated for the student with the login credentials(i.e. USN as user id and created password during registration)
      * Personal Details: The student can view his/her personal details and edit his/her contact information i.e Contact Number, Email Id etc.
      * Attendance Details: The student can see his/her current attendance status for all the respective subjects.
      * Holiday List: The student can view the list of holidays already configured for the calendar year

1. User Management: This module will provide functionalities for users other than Students viz. Teachers, HODs, Placement Officers etc.
   * + For Admin:
       - Personal Details: The Admin can add, edit and delete an user
       - Department Details: The Admin can configure already added users with their respective departments
     + For Users:
       - Personal Details: The Users can view their personal details and edit their contact information viz: Contact Number, email Id, Address etc.
       - Department Details: The Users can view the subject list with respect to the department, they are associated with
       - Holiday List: The users can view the configured holiday list for the respective calendar year
2. Company Profile Management: Will be described shortly

* Company Details
* Selection Criteria
* Recruitment Plan Details

1. Student Placement Management: Will be described shortly

* Test Schedule Entry

1. Reports: Will be described shortly

* Date wise test schedules
* Company wise test schedules
* Shortlisted students in Written test
* Students offered employment by Company

1. Database Management: Will be described shortly
2. Super Admin

* College Master: The Super Admin can add, edit and delete any college which is going to use SPMS application
* Role Master: The Super Admin can add, edit and delete any roles which will be displayed for all the colleges registered in SPMS. The colleges can assign the roles from this list only. If at all any role is required, a college Admin can send a request to Super Admin to add the new role.
* User Master: The Super Admin can add, edit and delete any user (College Admin) for any of the colleges added in SPMS

1. Blog Management: Will be described shortly
2. Placement Reckoner: This module will serve the purpose for online mock placement tests, probable interview questions, sample test papers (with search options like company wise, subject wise, year wise etc.) Will be described shortly