MANTLE

Functional Requirement Specification

Date: 6th March, 2021
Version 1.2

1. Student Features – Website

1.1 Login
- Admin, Student/Staff will be able to login with following details:
  o Username/Email
  o Password
- **Note: Admin will provide login details to student outside the system. No reset password option will be there.**

1.2 Dashboard
- Admin will be able to view all the screens mentioned below.
- After successful login user will be able to view screens as per their permissions:
  o Student Profile
  o Attendance Entry
  o View Student Attendance
  o View Class Attendance
  o Class Details for Student includes name of class, name of subject, teacher and teacher's contact details.
  o Class Details for teacher which includes classes, subjects and roll list of students.
  o Change Password
  o Logout

1.3 Student Profile
- In this section user will be able to view following details and edit them as per permission:
  o Personal Details
    ▪ Name : cannot edit
    ▪ Official Email : cannot edit
    ▪ Username : cannot edit
    ▪ Password : field is not visible to student
    ▪ Mobile1 – can edit
    ▪ Mobile2 – can edit
    ▪ Personal email1 – can edit
    ▪ Personal email2 – can edit
    ▪ Gender – can select from drop down
    ▪ Date of birth – can edit from calendar
    ▪ Category – can select from drop down
    ▪ Blood group - can select from drop down
    ▪ Religion - can select from drop down
    ▪ Nationality - can select from drop down
    ▪ Domicile - can select from drop down

- College Details
  - Campus – cannot edit
  - College – cannot edit
  - Course – cannot edit
  - Branch – cannot edit
  - Year – cannot edit
  - Batch– cannot edit
  - Admission type – cannot edit
  - Admission batch – cannot edit
  - Student status – not visible
  - College RollNo – can enter it
  - University enrollment number – can enter it
  - Passport number – can enter it
  - Adhar number – can enter it
- Other Personal Details
  - Father name – can enter it
  - Fathers Mobile1- can enter it
  - Father Mobile2 – can enter it
  - Fathers Email – can enter it
  - Fathers Address – can enter it
  - Fathers City – can select from drop down
  - Fathers State – can select from drop down
  - Fathers Country – can select from drop down
  - Fathers Pin code – can enter it
  - Mother name – can enter it
  - Mother Mobile1- can enter it
  - Mother Mobile2 – can enter it
  - Mother Email – can enter it
  - Mother Address – can enter it
  - Mother City – can select from drop down
  - Mother State – can select from drop down
  - Mother Country – can select from drop down
  - Mother Pin code – can enter it
  - LG Relation – can select from drop down
  - LG Name – can enter it
  - LG Mobile 1 – can enter it
  - LG Mobile 2 – can enter it
  - LG Email – can enter it
  - LG Address – can enter it
  - LG City – can select from drop down
  - LG State – can select from drop down
  - LG Country – can select from drop down

- LG Pincode – can enter it
- Current Address
  - Stay type – can select from drop down
  - Stay Address – can enter it
  - Stay Relation – can select from drop down
  - Stay City – can select from drop down
  - Stay State – can select from drop down
  - Stay Country – can select from drop down
  - Stay Pincode – can enter it
- Educational Details : add checkbox to let the student select which degree details he/she wishes to enter (10th/12th/Diploma/Degree/PG-Degree)
  - 10 Year – can enter it
  - 10 marking Scheme – can select from drop down
  - 10 overall percentage/cgp - can enter it
  - 10 School – can enter it
  - 10 board – can enter it
  - 12 year – can enter it
  - 12 marking Scheme – can select from drop down
  - 12 overall percentage/cgpa – can enter it
  - 12 PCM percenatge/CGPA
  - 12 School – can enter it
  - 12 board – can enter it
  - Diploma name – can select from drop down
  - Diploma year – can enter it
  - Diploma marking scheme – can select from drop down
  - Diploma overall percentage/cgpa – can enter it
  - Diploma School – can enter it
  - Diploma board – can enter it
  - Degree name – can select from drop down
  - Degree year – can enter it
  - Degree marking scheme – can select from drop down
  - Degree overall percentage/cgpa – can enter it
  - Degree School – can enter it
  - Degree board – can enter it
  - PG Degree name – can select from drop down
  - PG Degree year – can enter it
  - PG Degree marking scheme – can select from drop down
  - PG Degree overall percentage/cgpa – can enter it
  - PG Degree School – can enter it
  - PG Degree board – can enter it
- Entrance Exam Details
  - Will give option whether he has given any entrance exam or not (yes or no)

- If selects yes then only will able to enter following details
- Entrance exam name – can select from drop down
- Entrance exam year – can enter it
- Entrance exam rollno – can enter it
- Entrance exam mark obtained – can enter it
- Entrance exam air – can enter it
- Entrance exam category rank – can enter it
  - o Upload Documents
    - 10th marksheet
    - 12th marksheet
    - Diploma Marksheet
    - Degree Marksheet
    - PG Marksheet
    - Entrance exam marksheet
    - Colored Photograph
    - Caste certificate
    - Domicile certificate
    - Birth certificate
    - Passport
    - Adhar Card

1.4 Attendance Entry

- For adding attendance for particular teacher first be selecting
  - o Class
  - o Subject
  - o Lecture number (1 to 10)
  - o Date will be from server
- Before entering attendance teacher will be able to choose whether wants to add attendance for present or absent students.
- By default it will be absent.

1.5 View Student Attendance

- Month wise overall attendance class wise and subject wise
  - o January/Feb/March/Overall
  - o Under January total lectures held/lectures attended/percentage
- Day wise subject wise attendance

1.6 View Class Attendance

- Month wise
- Day wise

1.7 Class Details for Student
- It includes name of class, name of subject, teacher and teacher's contact details.

1.8 Class Details for Teacher
- It includes classes, subjects and roll list of students.

1.9 Change Password
- Admin can resent password for student or teacher when required.

Consideration

- We have considered English language only.
- We have considered website only.
- In phase-1 only student edit and attendance entry will be there rest of the data will directly enter from database.

Phase -2

- Student request for attendance edit and complete process
- Missed attendance entry by teacher
- Notices for students
- Messages for staff and students

Phase – 3

- Password reset option
- University marks entry
- Class test marks entry
- Role management

Phase – 4

- Time table
- Engagement
- Course coverage

Phase – 5

- Student entry
- Student exit
- Auto sessional
- Feedback
- Mentor
- Hobby & Sport
- Library
- Student grievance
- Training and placement

- RSDC Management
- Ticket Management
- Task Management
- Document Management
- Fees