**Team Techdudes**

**Requirements Document**

* 1. **Business requirements:**

1. Presently, to broadcast a meeting and meeting minutes professors are using email systems as the main source where there is a major scope of missing something due to the rush of emails to professors. To solve this problem, we are designing a website where a department chair can raise a meeting and also write meeting minutes to this site. Then this portal will send an automated timed alert to faculty members to take any action on it.
2. Also, currently, the admission department is sending a student’s application by hand to department’s faculty members. This is tedious work to do and there will be a lot of human effort in this. To avoid this problem this website provides access to upload a pdf file that will be accessible by faculty members (who has access). Then faculty members can take action on it based on which admission department will take a final decision.
3. Moreover, the waiver department is also sending a student’s waiver application by hand to the department’s faculty members. This is also a tedious work to do. To avoid this problem this website provides access for the waiver department to upload a pdf file that will be accessible by faculty members (who has access). Then faculty members can take action on it based on which waiver department will take a final decision.
   1. **Functional Requirements:**

Meeting minutes:

1) User needs to log in using windows authentication-intranet.

2) We need to create certain roles – Admin (Caroline), Program chair (no difference with department chair), Department Chairs (CS, CIS, IT), Faculty members.

3) Admin can add/remove/update Faculty members, Department chairs…

4) Department chair will create a meeting with certain Agendas

\*Faculty members can suggest agenda

5) Every/selected faculty member needs to be notified about meeting and Agendas through email.

6) Department chair will upload minutes of meeting file EDITABLE by only department chair.

7) Then Every faculty member has to go through it in the website which are in chronological order and need to approve/decline the concepts discussed in the meeting

8) Also, specify any notes if declined

9) Moreover, faculty members will have a search engine which based on context.

10) If any faculty hasn’t taken any action on READ ONLY FILE within 2 days, we need to send an automated email to remind him every 2 days.

11) Department chair is able to see the count of accept and declines.

12) After finalizing department chair also loses the EDITABLE option for file.

**Students Admission related:**

1) Admission department will upload a pdf of student’s info mentioning his ID as the subject

2) 3 Professors who are authorized to get that pdf will get an email that a new student file has been added.

3) Then Faculty members can view the same in site and approve/ decline students’ application.

4) Then the admission department can view the website and can make a decision.

5) \* Based upon the number of approvals this site needs to display the status of the student’s application.

**Students Waiver application-related:**

1) Waiver department will upload a pdf of students WAIVER REQUEST mentioning his ID as the subject

2) 3 Professors who are authorized to get that pdf will get an email that a new student waiver application has been added.

3) Then Faculty members can view the same in site and approve/ decline the student’s waiver application.

4) Then waiver department can view in website and can take a decision.

5) \* Based upon the number of approvals this site needs to display the status of the student’s waiver application.

* 1. **Software and hardware requirements:**

Software:

1. HTML
2. CSS/Bootstrap
3. JavaScript
4. Angular 8
5. Microsoft Azure
6. Windows authentication
7. Fire DB

**Hardware:**

1. Windows/mac machine

**2.1 System Architecture:**

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**2.2 Task division:**

1. Akshitha Vaddi- Login and Admin components design, Website UI Design.
2. Bharath Gandham- Department chair and faculty components design, database design.
3. RaviTheja Vodapally- Email system and Unit testing.
4. Soundarya Ambaraja- Windows authentication, Integration.

**3.1 UI Wireframes:**

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**3.2 Detailed UI:**

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\*Mobile interface if possible.