**inSight 2017**

**Department : ECE department**

**Problem Title : Resume (online profile) builder and achievement tracker.**

**Problem Code : PS06**

**Problem Description :**

The students attend technical events like seminars, paper presentations, hackathons and many more. The faculties go to different colleges as guest lecturers, also to seminars and other events. In order to track these achievements of the faculty and students an application needs to be designed which would benefit the students and faculties by helping them build their resume(an online profile) and help the admin to keep track of the achievements. The application should provide students the interface to create their resume and store their inputs or responses in the form of a database so that it becomes a record for the department. This would enable the departments to track achievements of their students and faculties efficiently. This should also have provisions to edit their profile whenever they which to update their profile or resume. The application should be able to generate a report of these achievements whenever required.

**Proposed solution:**

* We will develop a structured, formatted, dynamic web app.
* The web app is built using java server page (**JSP**) for delivering dynamic content to webpage (appropriate input with validation and corresponding output for the same).
* **HTTP** will used for basic webpage frame work along with **xml**.
* **CSS** for the best website design.
* The web app could be opened by students and faculties in any internet browser application in any of their device (pc, mobile ETC).
* A data base (WAMP), will be maintained to store the details of all the fields required for a resume for all the users.
* The resume data could be updated time to time, when it is needed to be done.
* Faculties and students will be given respective authentication (user credentials).
* User after attending any events like seminars, paper presentations, hackathons etcetera they can update their resume with the respective details of the same.
* A special access will be given to admin with which he/she have the option to change/modify any content of anybody.
* Some permanent fields like name, age, email, blood group, address, cannot be changed/ updated many times.
* In the webpage whenever user is in need can take print out of his/her resume, in 2 forms

Summarized

Elaborated

* Summarized format contains details of user, with brief description of experience and achievements.
* Elaborated format contains details of user, with all description of experience and achievements.
* Admin can reset, view and modify any users passwords.
* User can get their resume signed by admin/HOD.

**Technology Stack:**

**Html -basic web app frame work.**

**Xml - web page frame work.**

**Java script -dynamic web app design.**

**CSS -standard styling of web pages in web app.**

**WAMP server - (local host for demonstration).**

**Apache -(http server for demonstration).**

**Java server page -(JAVA server for demonstration).**

**Use Case:**

**Team Members details:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Role** | **Name** | **USN** | **Email id** | **Phone no.** |
| Team Leader | SIDDESH M G | 1SI16CS104 | [Vinay22422@gmail.com](mailto:Vinay22422@gmail.com) | 8095070167 |
| Team Member 1 | SUMATNH M | 1SI16CS115 | [Sumanthmurali48@gmail.com](mailto:Sumanthmurali48@gmail.com) | 9035386608 |
| Team Member 2 | SURESH PADMAPPA NARAGUND | 17SIT0888 | [Snaragund6@gmail.com](mailto:Snaragund6@gmail.com) | 8892909590 |