**Vision:**

For the office administrator and clerk who need to post Faculty Information Cards for the academic staffs each semester, the Faculty Information Cards Generating System is a Database System that provide an easy way to print the card. The system will store the basic information of the academic staffs and their teaching schedules. Unlike the current system which the clerk has to create the card one by one manually, our product will generate all the cards in one operation or printing an individual card on request.

**Introduction:**In Sacramento State, every semester someone has to manually search and create a schedule (that contains info such as class time, office hours, and contact info) for each professor. Needless to say, that is a daunting and time consuming task as a person needs to search classes taught by one professor and add all that information together. This process becomes time consuming as a person needs to repeat this process for all the professors in the entire college.

**Business Opportunity:**

SEAR, Software Engineering for Academic Research, has funded us to plan and build a system to make the process of generating class schedule for each professor that is simple to use and extremely efficient.

**Scope:**

The software will let an authorized personnel input various information (office hours, contact info, and classes they teach) for all professors. Based on the input provided by authorized personnel, the system will create individual schedules for all the professors.

**Requirements:**

1. An admin should have access to make changes (Add/ Delete or modify) to the information on the database. They should have access to add a professor, delete a professor, change an existing professors’ office hours, change contact information, and change professor’s class schedule.
2. A helper for admin can only have access to make changes to office hours and viewing the schedule.
3. Everyone else should only have access to see the schedule. They can’t have access to change information.
4. With push of a button, the admin should be able to print schedule for all professors.
5. In addition to the last requirement, there also should be a way to print schedule for an individual professor.

**Constraint:**

1). Many of our team members are not experts in languages that help build the system. For instance, our team members are beginners at languages like HTML, SQL, and PHP which are all essential to build the system.

**Proposed Schedule:**

1. Feb. 26 – March 16, Team members will have enough exposure to HTML, SQL, and PHP to build the system.
2. March 28 – April 6, we will be able to get website (User Interface) that lets an admin add/remove data and make changes to them.
3. April 6 – April 13, add the searching feature for one professor (so we can print individual cards later).
4. April 13 – April 20, Helper for admin will only have access to modify office hours for professors.
5. April 20 – April 27, Be able to print schedule for all professors.
6. April 20- April 27, Be able to print schedule for individual professor.

System Design

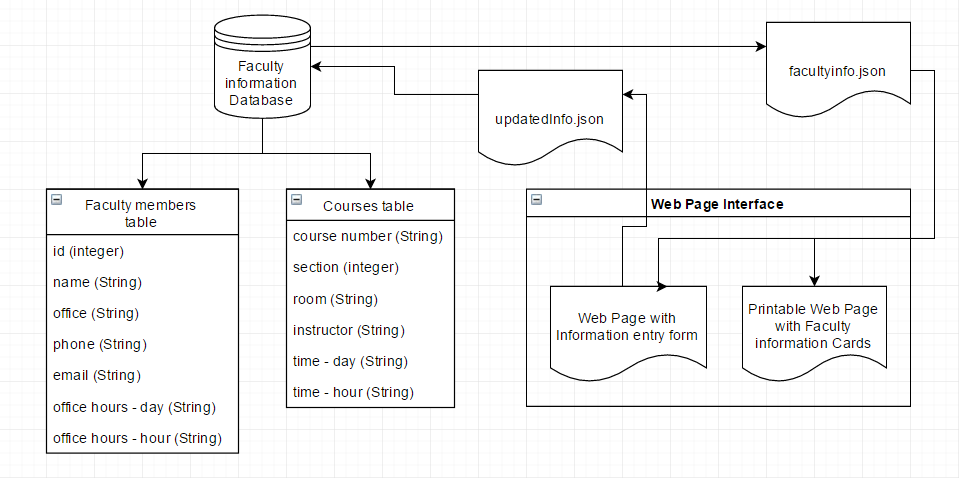


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