Lab#3 (29 Sept. 2017)
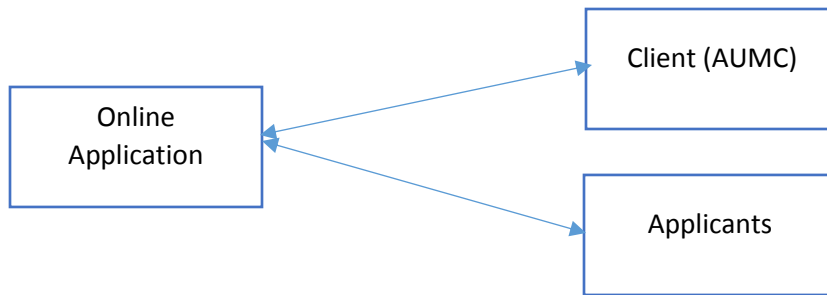
Levels of Requirements

Subject: Software Engineering

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BSCS- V

Business Requirements:

There is a need of an Online Admission form for Air University. The purpose is to provide assistance about all details of the Programs University is offering. System should keep full track of clients' details regarding university's educational system, fee structures and offers an effective communication channel to interact with the clients via emails.

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                                              ┌─────────────────┐
                                              │  Client (AUMC)  │
                            ┌──────────────┐ ↗└─────────────────┘
                            │    Online    │
                            │ Application  │
                            └──────────────┘ ↘┌─────────────────┐
                                              │   Applicants    │
                                              └─────────────────┘
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Users' Requirements:

- Register into the system

- Log into the system

- Customizable profiling

- Program selection.

- Application submission

- Application status.

- Payment details

- Send custom emails to individuals

Functional Requirements- User Sign-up (FR1)

FR1-01	System shall allow user to Sign up.
FR1-02	System shall get user's Full name.
RF1-03	System shall get user's Username.
FR1-04	System shall get user's Email-ID.
FR1-05	System shall get user's CNIC.
FR1-06	System shall get user's Gender.
FR1-07	System shall get user's Father name.
FR1-08	System shall get user's Password.
FR1-09	System shall authenticate his/her Email-ID by sending a Code.
FR1-10	System shall allow the user to enter the code.
FR1-11	System shall authenticate the code.
FR1-12	System shall allow user to remember his / her username and password by entering in the checkbox.

Functional Requirements- User Log-in (FR2)

FR2-01	System shall allow user to log-in.
FR2-02	System shall get username from the user.
FR2-03	System shall get password from the user.
FR2-04	System shall authenticate user when he/she submits username and password on login-in button.
FR2-05	System shall allow user to remember his username and password by entering into the checkbox.
FR2-06	System shall allow user to Reset his username and password when he / she clicks on the Reset button.
FR2-07	System shall allow user to remember his username and password by entering into the checkbox.

Functional Requirements- The Admission-form (FR3)

FR3-01	System shall allow user to access Admission form.
FR3-02	System shall get user's Nationality.
FR3-03	System shall get user's Home-Phone number.
FR3-04	System shall get user's Cell-Phone number.
FR3-05	System shall get user's Permanent Address.
FR3-06	System shall get user's Postal Address.
FR3-07	System shall get user's City.
FR3-08	System shall get user's District.
FR3-09	System shall get user's Province.
FR3-10	System shall get user's Father Occupation.
FR3-11	System Shall get user's Academic Information.
FR3-12	System shall get user's Passport-sized Photo.

FR3-13	System shall get user's required Program.
FR3-14	System shall check for unfilled checkbox.
FR3-15	System shall allow to confirm the entered details.
FR3-16	System shall show the complete form.
FR3-17	System shall confirm the completion of the form.
FR3-18	System shall generate a Bank receipt for admission fee submission.
FR3-19	System shall show the status of the application.
FR3-20	System shall allow user to go back to home page when he / she clicks on the return button.