



9/22/2017

## Attendance & Feedback Portal

Project Increment 1 Report

### School Matters!



**Team 6 (Mavericks):**  
Pragathi Thammaneni  
Fatema Hasta  
Sridevi Mallipudi

# Attendance & Feedback Portal

---

## I. Introduction:

A Web portal is an exclusively designed web application that can provide information from different sources and the content that displayed varies depending upon the intended user and the intended purpose. UMKC Attendance & Feedback is a portal which can be used by UMKC students and professors. Students can submit the attendance and feedback through this portal upon enrolment to their respective courses for the semester. And professors can track the data related to each student's presence, feedback and suggestions from the portal.

## II. Project Goal and Objectives:

**Overall Goal:** The existing UMKC Attendance Application enables students to submit code for attendance submission. This existing application can be enhanced as a web portal for the students to register. Depending upon the term and courses enrolled, students can easily have access to view the calendar, corresponding schedule for the date and submit the feedback for their presence. Each professor can pull out information regarding the attendance and feedback. So, the main agenda of this is to create a portal collectively which makes it flexible for students to submit the attendance & feedback instead of spending time in fetching links of the forms and submitting it externally.

Initially every intended user (student, professor and admin) must register and login to access the portal. Upon login, each student should submit the details of the enrolled courses for the semester. The student can then view a scheduled calendar which will display the courses enrolled in. On clicking on the date, the user can submit the feedback and attendance form. The professors can login to the portal and can download/export the sheets for the attendance and feedback depending upon the submission received from the students for a date. The admin has rights to view access and maintain the entire data of the application.

**Specific Objectives:** A Web Portal-UMKC Attendance and Feedback, for availing students and professors to easily submit and access the attendance and feedback forms for courses enrolled.

### Specific Features:

1. Login/Register Pages: Student, Professor and Admin Login/Registration Pages.
2. Pop-up Dialog box for details regarding courses enrolled.
3. Scheduled calendar page which allows students to view their schedule for the courses enrolled and submit attendance/feedback forms.
4. Acknowledgement for attendance/feedback submissions.
5. Location and time capture through API's.
6. Sentimental Analysis for feedback submitted by students.
7. Auto generating the reports of attendance/feedback for the professors.
8. Database (MongoDB) to store the details.

# Attendance & Feedback Portal

## Enhancements:

- Detailed information on student holds.
- Automatic calculation of attendance percentage per student for each course attended.

## Significance:

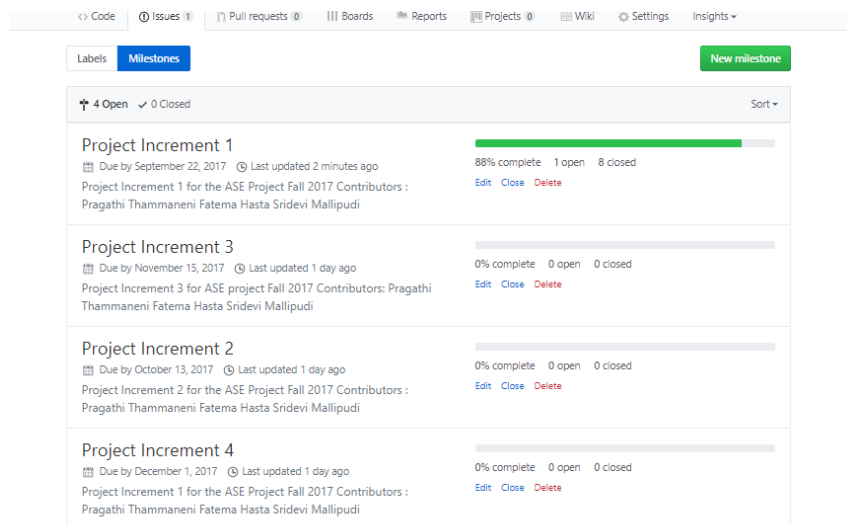
- Flexible and quick submission of attendance and feedback using a single form access rather than submitting multiple forms explicitly.
- Improved accessibility to track and manage student attendance and feedback.
- Positive and negative feedback analysis.
- Location and Time tracking of each submission.

## Outcome:

This application is easily accessible and collectively helps students and professors with an easy submission, tracking the feedbacks with a single login instead of searching the links and submitting each form.

## III. Project plan using Zen hub tools:

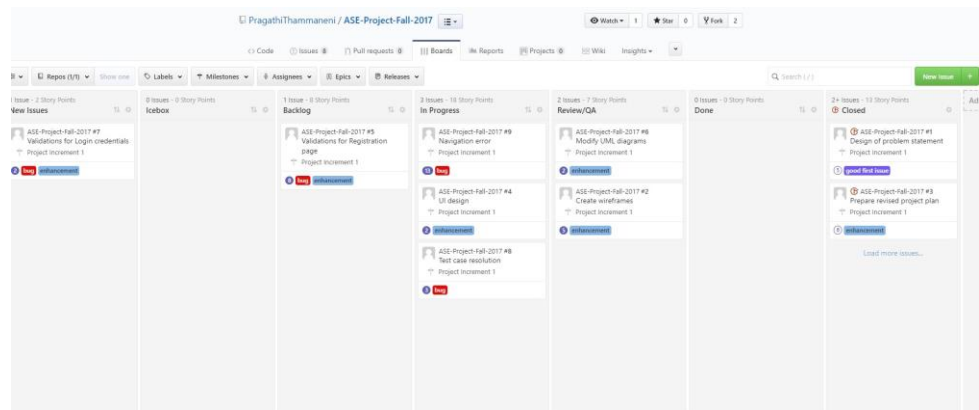
### Schedule for four increments:



### Project Timelines, Members, Task Responsibility:

The below are the issues raised during the increment 1 and moved them to closed state once the individual task is done.

# Attendance & Feedback Portal

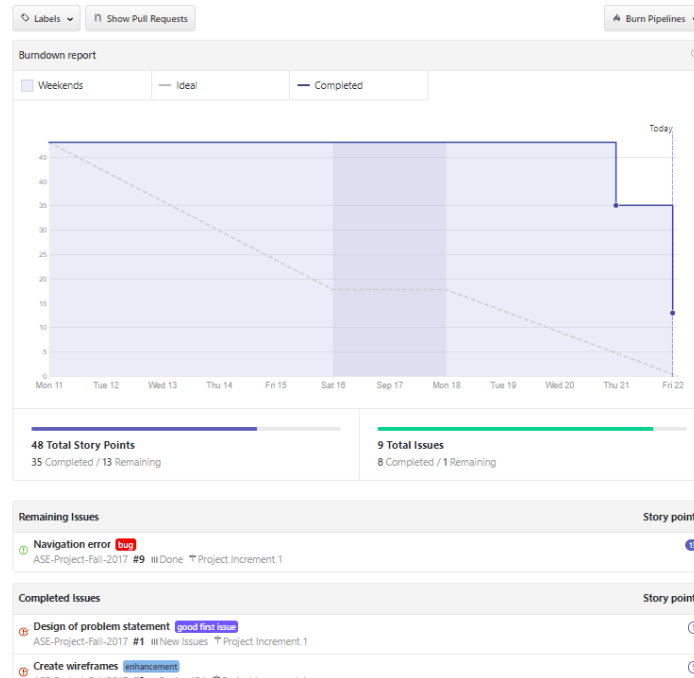


## Burndown Chart:

- 1.Design and Architecture
- 2.Login, Register user interface
- 3.UML diagrams
- 4.Development & Testing

### Project Increment 1

Project Increment 1 for the ASE Project Fall 2017 Contributors : Pragathi Thammaneni Fatema Hasta Sridevi Mallipudi  
Start: Sep 11, 2017 Change Due: Sep 22, 2017 Change



# Attendance & Feedback Portal

---

## IV. First Increment Report:

**UMKC Attendance and Feedback Portal** - A Web Application that avails students and professors to easily submit and access the attendance and feedback forms for courses enrolled.

First Increment: Login, registration and home pages (student, professor and admin).

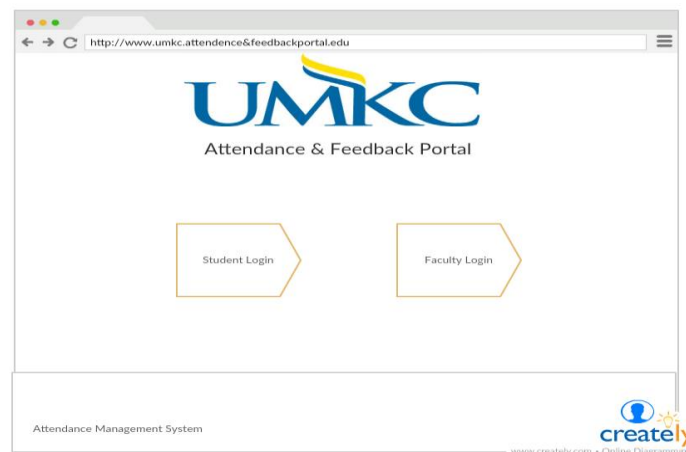
**Existing services/REST API:** In this increment, we haven't used any API's but in future increments we will be using Google Maps API and Sentimental Analysis API.

### Detailed Design of features:

#### Wireframes and Mock-ups:

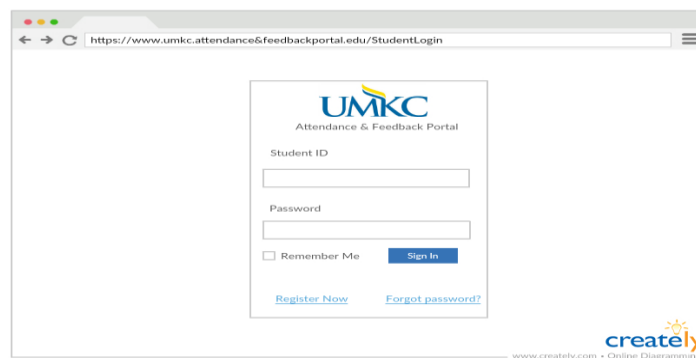
Below are the wireframes and mock-ups for the UMKC Attendance & Feedback Portal.

#### 1. Main Page:



#### 2.Login 's: (Student/Faculty)

##### Student Login:



# Attendance & Feedback Portal

---

## Faculty Login:

The screenshot shows a web browser window with the URL <https://www.umkc.attendance&feedbackportal.edu/ProfessorLogin>. The page features the UMKC logo and the text "Attendance & Feedback Portal". Below this, there are input fields for "Email ID" and "Password". A "Remember Me" checkbox is present next to the password field. A blue "Sign In" button is located below the password field. At the bottom of the form, there are two links: "Register Now" and "Forgot password?". The footer of the page includes the "creately" logo and the text "www.creately.com • Online Diagramming".

## Student Registration:

The screenshot shows a web browser window with the URL <https://www.umkc.attendance&feedbackportal.edu/StudentSignup>. The page features the UMKC logo and the text "Attendance & Feedback Portal". Below this, there are input fields for "Student ID", "Email ID", "Password", and "Retype Password". A blue "Register Now" button is located below the "Retype Password" field. At the bottom of the form, there is a link "Already have an account? Login". The footer of the page includes the "creately" logo and the text "www.creately.com • Online Diagramming".

## Faculty Registration:

The screenshot shows a web browser window with the URL <https://www.umkc.attendance&feedbackportal.edu/ProfessorSignup>. The page features the UMKC logo and the text "Attendance & Feedback Portal". Below this, there are input fields for "Email ID", "Password", and "Retype Password". A blue "Register Now" button is located below the "Retype Password" field. At the bottom of the form, there is a link "Already have an account? Login". The footer of the page includes the "creately" logo and the text "www.creately.com • Online Diagramming".

# Attendance & Feedback Portal

## Course Details:

UMKC  
Attendance & Feedback Portal

Please choose the term of study

Fall 2017

Please select the courses you have enrolled in

Course 1 ASE

Course 2 ISL

Course 3 PB

Click on the button to add more courses +

Submit

www.createely.com • Online Diagramming

UMKC  
Attendance & Feedback Portal

Your Courses

ASE

ISL

PB

Dialog Title

Records successfully updated.  
Click "OK" to proceed.

OK Cancel

www.createely.com • Online Diagramming

## Home Page for Student:

UMKC Attendance & Feedback Portal

Scheduled Calendar

Calendar

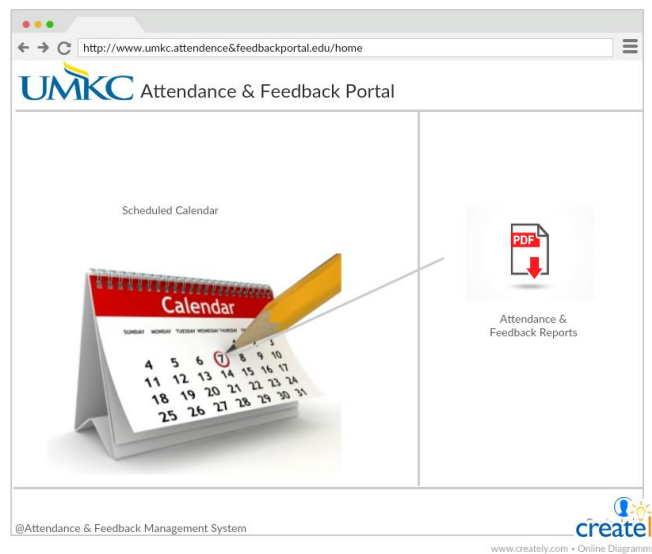
Attendance & Feedback Submission Form

@Attendance & Feedback Management System

www.createely.com • Online Diagramming

# Attendance & Feedback Portal

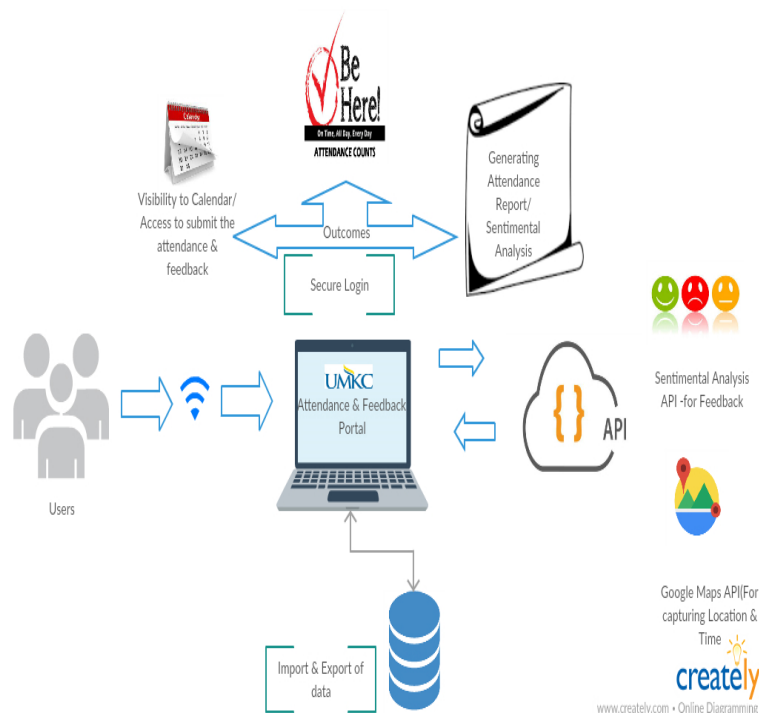
## Home Page for Professor:



## Architecture/Sequence/Class Diagrams:

Below diagrams explain the architecture of the entire web application and the relations among the actors.

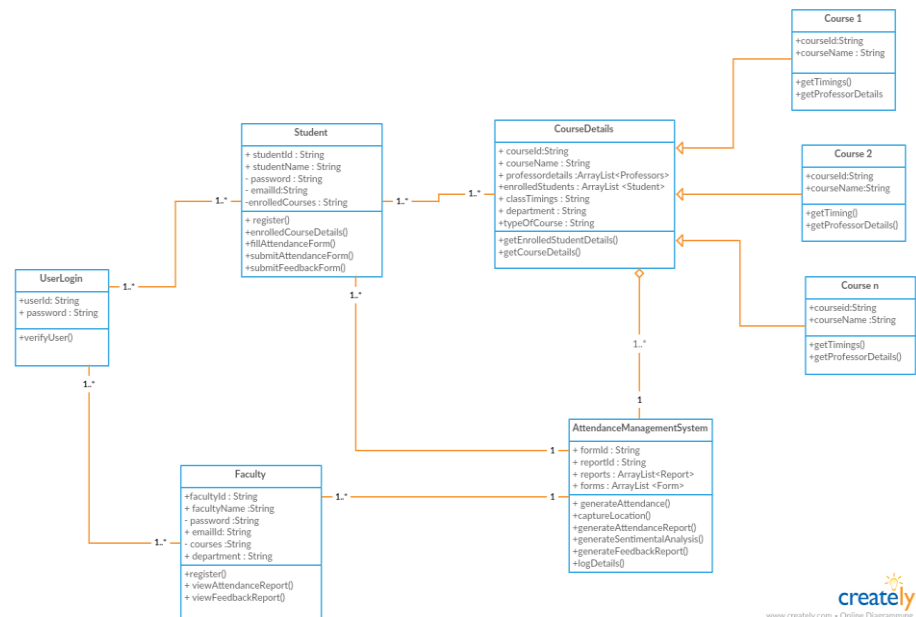
### Architecture Diagram:



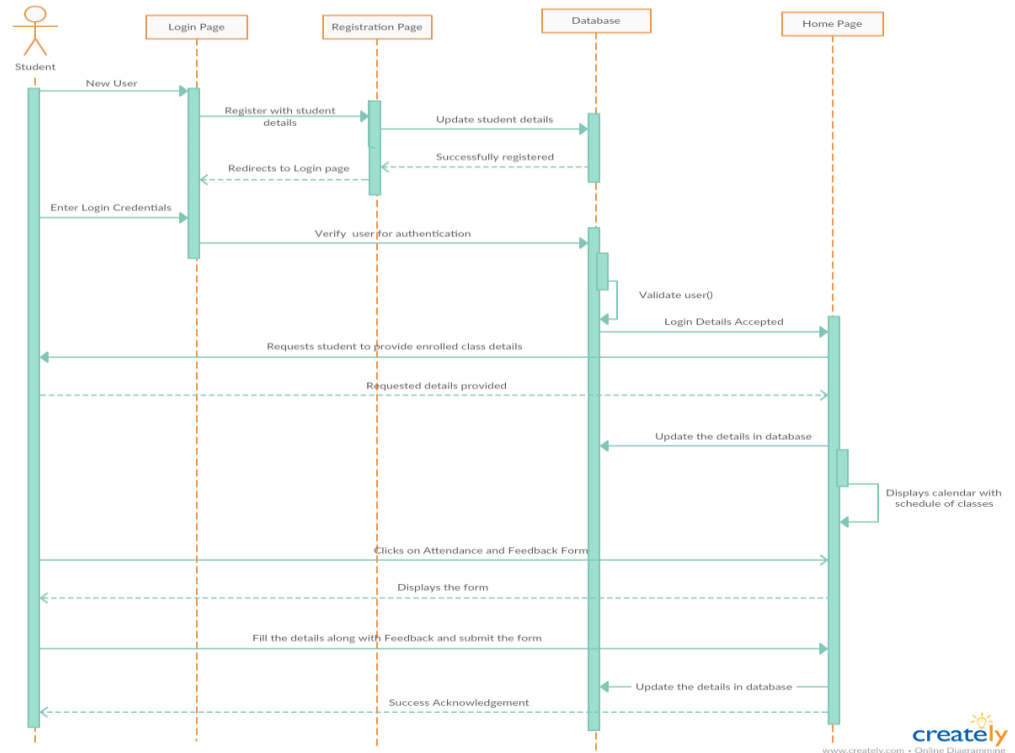


# Attendance & Feedback Portal

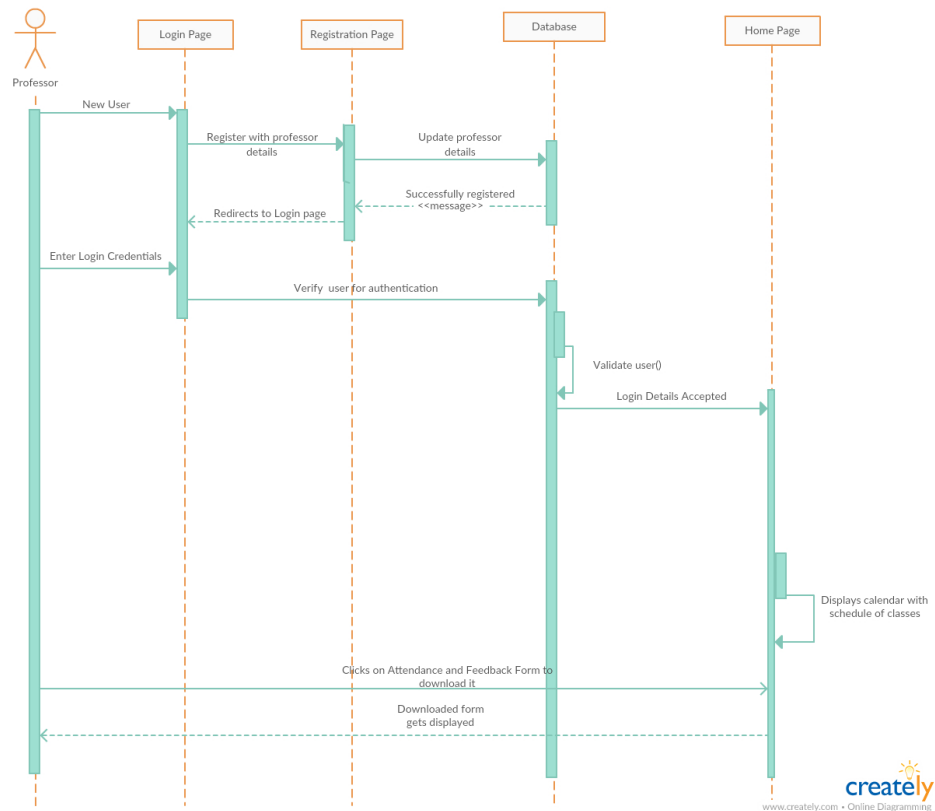
**Class Diagram:**



**Sequence Diagrams:** Below sequence diagrams explain the sequence of each flow with respect to student/faculty activities.



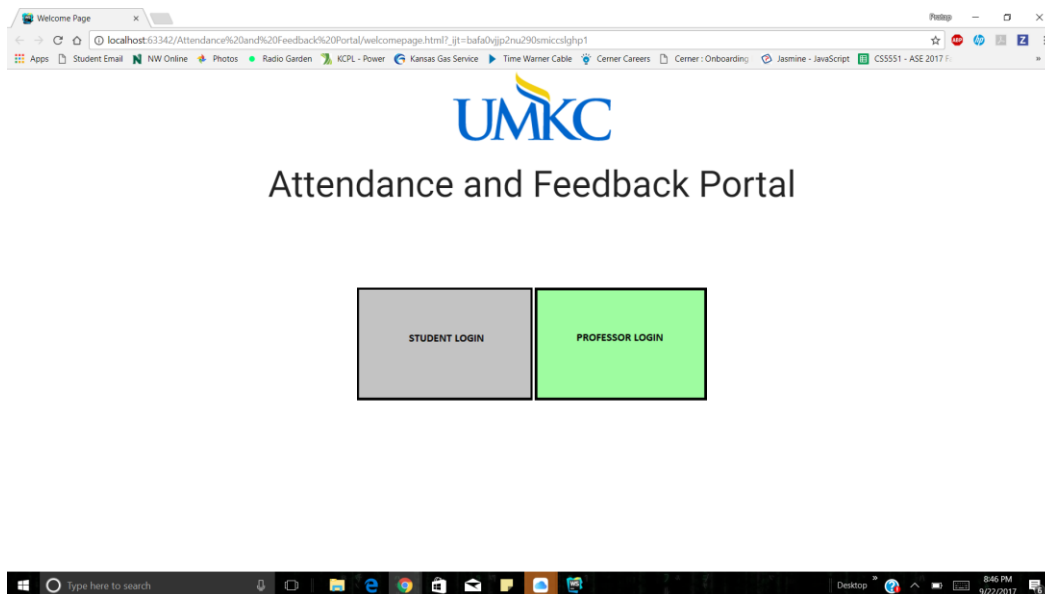
# Attendance & Feedback Portal



## Implementation:

UMKC Attendance & Feedback portal:

### Main Page:



# Attendance & Feedback Portal

## Login(Student)

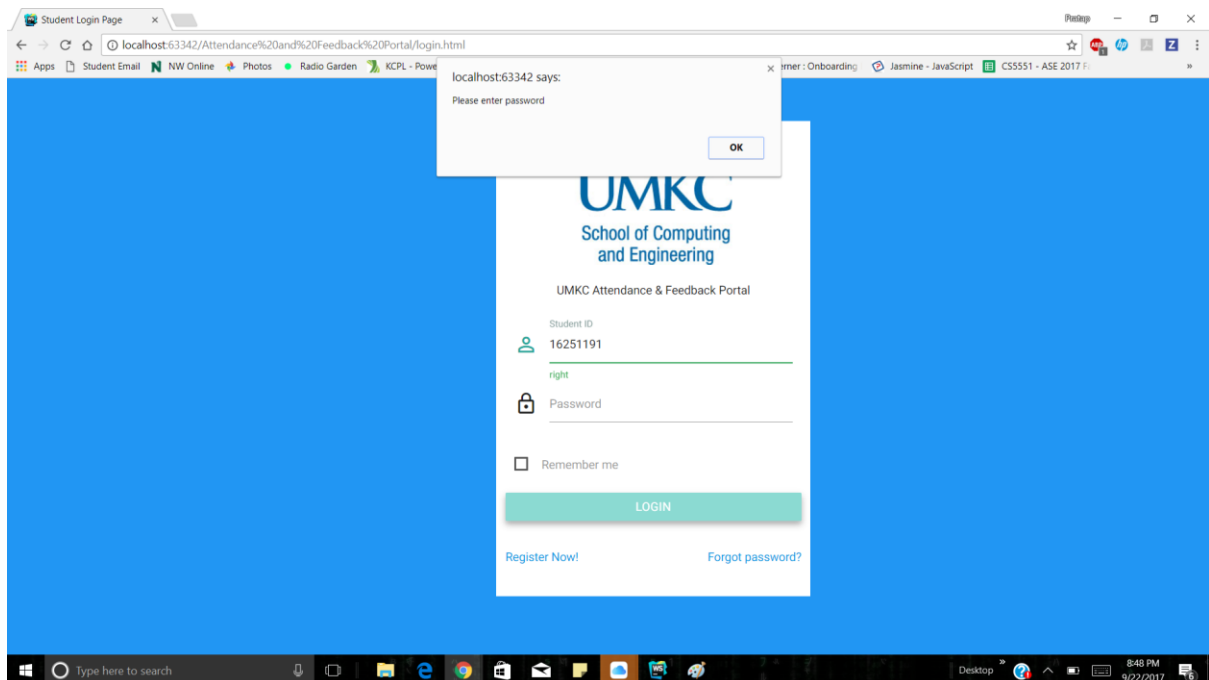
The screenshot shows a web browser window with the title 'Student Login Page'. The address bar displays the URL: `localhost:63342/Attendance%20and%20Feedback%20Portal/login.html`. The page features the UMKC School of Computing and Engineering logo at the top. Below the logo, the text 'UMKC Attendance & Feedback Portal' is displayed. The login form includes fields for 'Student ID' and 'Password', a 'Remember me' checkbox, and a green 'LOGIN' button. At the bottom of the form, there are links for 'Register Now!' and 'Forgot password?'. The browser's taskbar at the bottom shows various application icons and the system clock indicating 8:48 PM on 9/22/2017.

## Login(Faculty)

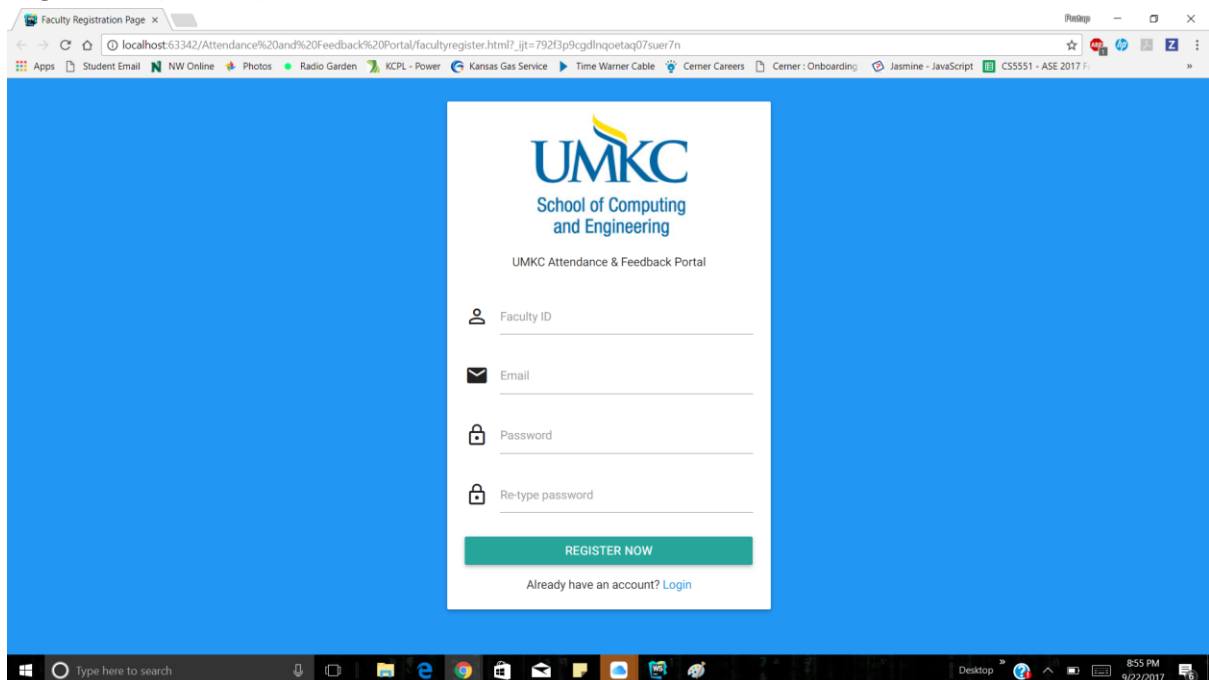
The screenshot shows a web browser window with the title 'Faculty Login Page'. The address bar displays the URL: `localhost:63342/Attendance%20and%20Feedback%20Portal/facultylogin.html?_ijt=b158i3fet3k64smhepgac1s88e`. The page features the UMKC School of Computing and Engineering logo at the top. Below the logo, the text 'UMKC Attendance & Feedback Portal' is displayed. The login form includes fields for 'Email' and 'Password', a 'Remember me' checkbox, and a green 'LOGIN' button. At the bottom of the form, there are links for 'Register Now!' and 'Forgot password?'. The browser's taskbar at the bottom shows various application icons and the system clock indicating 8:51 PM on 9/22/2017.

# Attendance & Feedback Portal

## Validations:

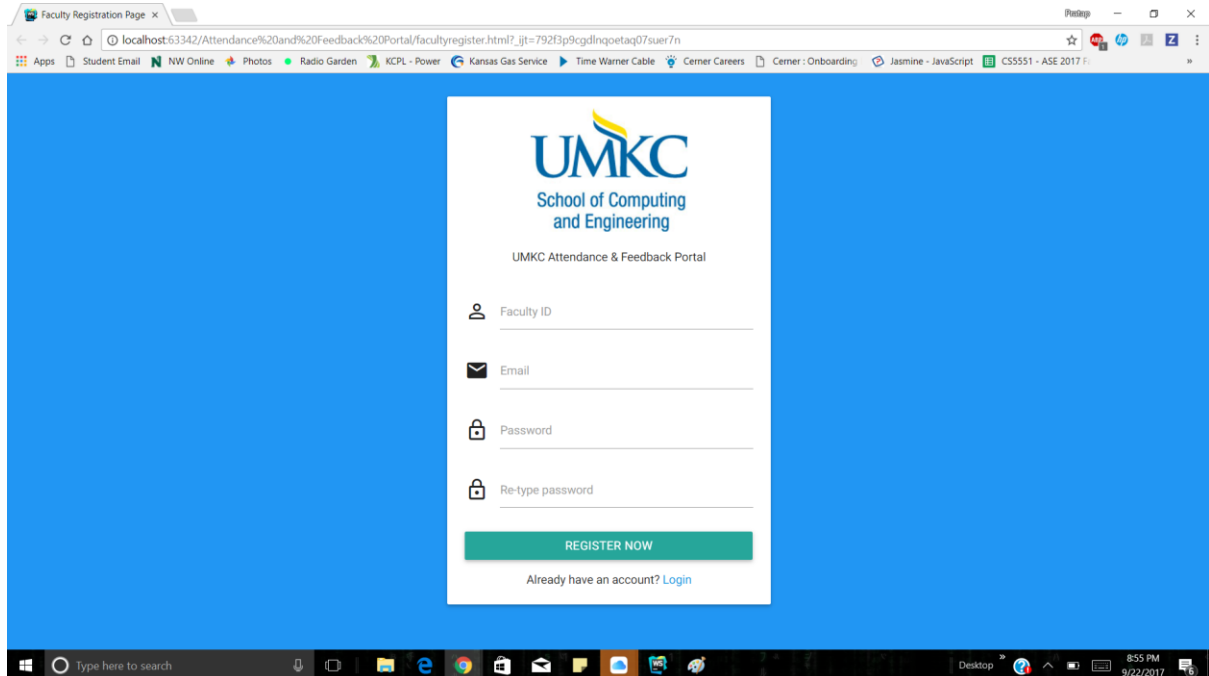


## Registration(student)



# Attendance & Feedback Portal

## Registration(Faculty)



Faculty Registration Page

localhost:63342/Attendance%20and%20Feedback%20Portal/facultyregister.html?\_ijt=792f3p9cgdlhqpetaq07suer7n

UMKC  
School of Computing  
and Engineering

UMKC Attendance & Feedback Portal

Faculty ID

Email

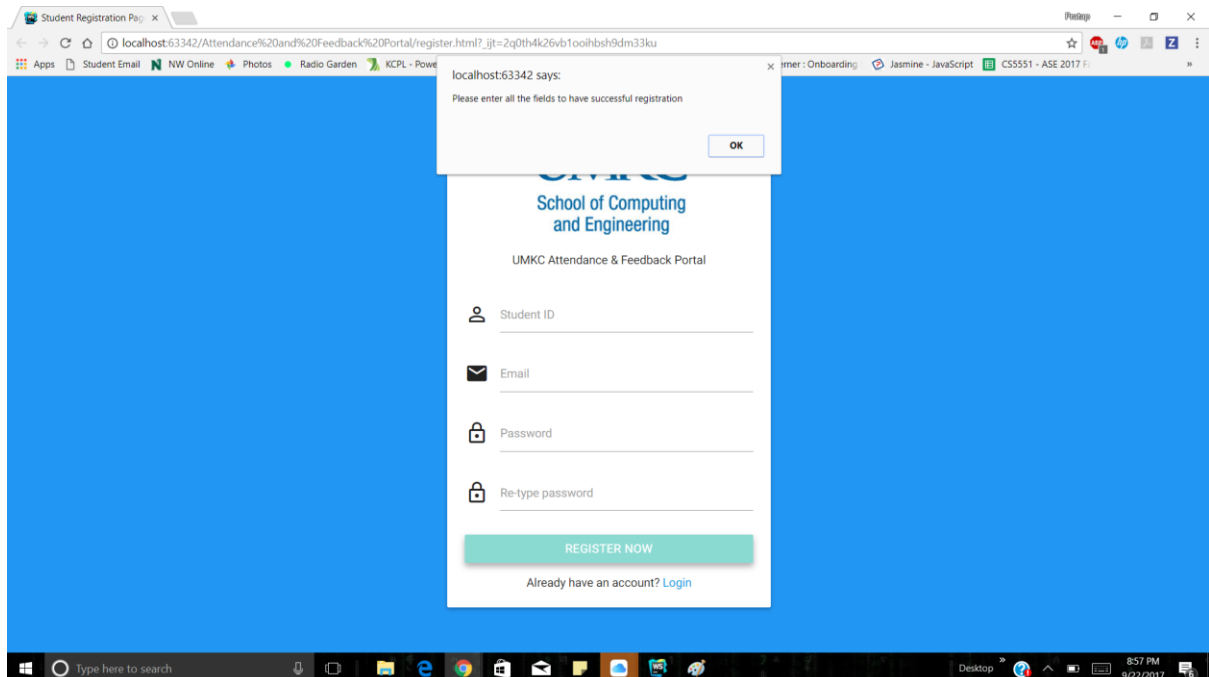
Password

Re-type password

REGISTER NOW

Already have an account? [Login](#)

## Validations for registrations:



Student Registration Page

localhost:63342/Attendance%20and%20Feedback%20Portal/register.html?\_ijt=2q0th4k26vb1ooihbsh9dm33ku

localhost:63342 says:  
Please enter all the fields to have successful registration

OK

UMKC  
School of Computing  
and Engineering

UMKC Attendance & Feedback Portal

Student ID

Email

Password

Re-type password

REGISTER NOW

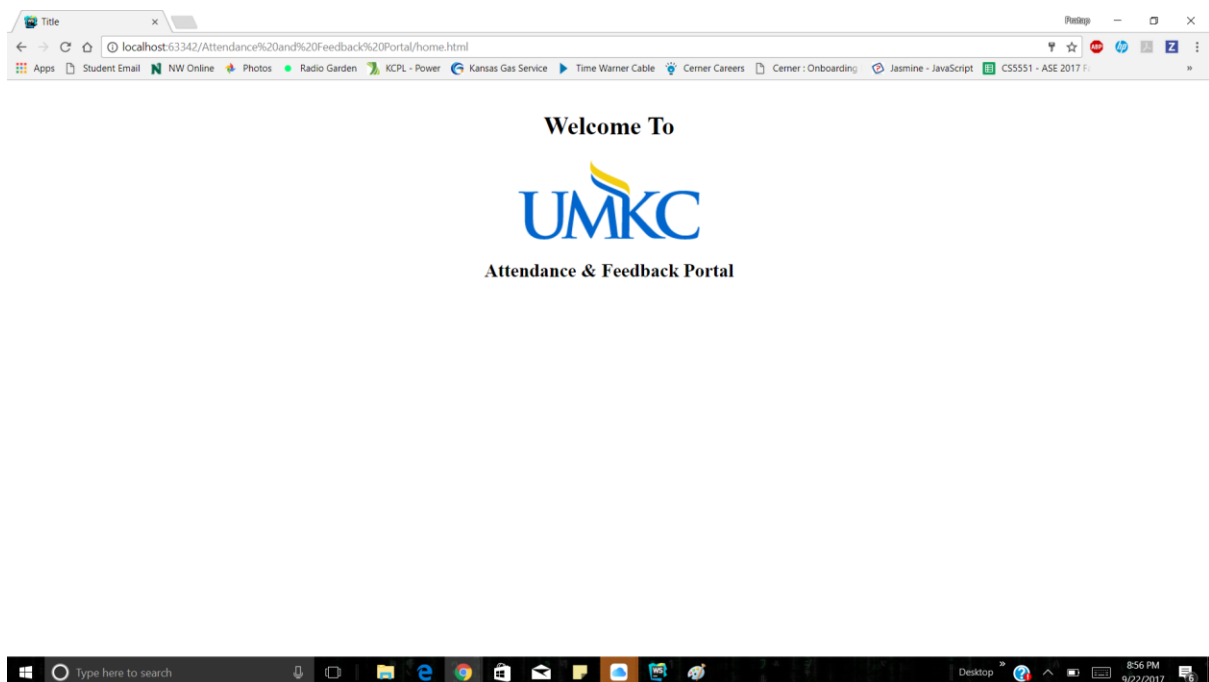
Already have an account? [Login](#)

# Attendance & Feedback Portal

## Email validations :

The screenshot shows a web browser window with the URL `localhost:63342/Attendance%20and%20Feedback%20Portal/register.html?_ijt=2q0th4k26vb1oolhsh9dm33ku`. The page has a blue background and a white registration form in the center. The form is for the UMKC School of Computing and Engineering. It includes fields for Student ID (123456), Email (umkc), Password, and Re-type password. A red error message box is displayed next to the email field, stating: "Please include an '@' in the email address. 'umkc' is missing an '@'." Below the form is a green "REGISTER NOW" button and a link "Already have an account? Login". The browser's taskbar at the bottom shows the time as 8:58 PM on 9/22/2017.

## Home Page :



# Attendance & Feedback Portal

---

## Testing:

S.No	Test case	Description	Expected Outcome	Result
1.	User Login Verification	The respective user should login with the register email and password	Login must be successful to be redirected to the home page.	Pass
2.	User Login with no details	The user enters no details and tries to login	Login should have failed with error message	Pass
3.	User Register Verification	The new user should enter all the details .	User should be registered successfully and redirected to Login Page	Pass
4.	User Register with no details	New user tries to register with no details and do sign up	Registration should fail and error message must be shown on registration page	Pass

## Deployment:

- We have deployed the application in web browser and captured the screenshots.
- Explained each feature in the Wireframes & implementation

### GitHub URL for project source code and documentation:

<https://github.com/PragathiThammaneni/ASE-Project-Fall-2017/tree/master/Project%20Increment%201>

## Project Management:

**Technologies Used:** Bootstrap, Angular JS, HTML, CSS, JavaScript

**Software's Used:** WebStorm

### Completed the following work: (Project Increment 1)

1. Prepared revised project proposal plan.
2. UML Diagrams.
3. Created Wireframes
4. Increments creation
5. Developed Login and registration pages.

# Attendance & Feedback Portal

---

## 6. Unit testing

Contributions:

