

CS 3365 Software Engineering I

Class Project (15 points + 10 bonus points)

Due: 11:59:59 PM, October 31st, 2019

Description:

Design a web page that displays the location-based information, such as the local map, the local weather, near-by restaurants, movies etc.

Requirements:

You don't need to write code to implement the web page unless you would like to challenge yourself and earn the bonus points.

1. The page shall accept either an address or a zip code as the location.
2. The page shall display at least two pieces of location-based information: the local map and the local weather. Other information is optional.
3. The page shall use API services to retrieve all needed information.
4. Your design needs to include the following diagrams:
 - A simple user interface mockup/prototype (3 points)
 - All user stories (5 points)
 - All use case diagrams (5 points)
 - The activity diagram showing how the user gets the information of the local map and the local weather (2 points)

Challenge Yourself Further:

After completing the required portion of the project, you may challenge yourself by building a live and working web page that displays all required information. A group of 3-4 students is required and a quick demo (less than 5 minutes) in class is required. You will earn 10 bonus points towards your final grade after completing the bonus project.

You may use free/free-to-try API services such as Google Map, Bing Map, Yahoo Weather API, OpenWeatherMap, etc.