



**Bahria University**  
Discovering Knowledge

## **BAHRIA UNIVERSITY, (Karachi Campus)**

Department of Software Engineering  
**ASSIGNMENT#01 – Spring 2020**

Course Title: **Object Oriented Software Engineering**

Class: **BSE – 8(B)**

Course Instructor: **Engr. Bushra Fazal**

Lab Instructor: **ENGR. Misbah Perveen**

Due Date: **02<sup>nd</sup> April 2020**

Course Code: **SEL-448**

Shift: **Morning**

Date: **26<sup>th</sup> May, 2019**

Max. Marks: **5.0 Marks**

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### **Instructions:**

- 1. This is a Complex Engineering Problem Assignment.**
- 2. Deadline for the submission of Assignment on is 2<sup>nd</sup> April 2020.**
- 3. Hardcopies of the Assignments will be submitted on the same day**
- 4. If you submit your assignment after the given deadline then 2 Marks will be deducted for the late submissions.** [CLO#03, 5.0 marks]

## **Step 1**

### **Project Overview**

Design and implement a single screen app that displays information about a fictional small business. Think along the lines of your favorite coffeeshop, local restaurant, or that gem of a store that sells those rare comic books or records.

### **Suggested App Ideas**

- Details about a small business in your neighborhood
- Contact info and description about your workplace or school
- Info about a special interest group (like a club or sports team) you're part of and how new members can sign up

### **Requirements**

Your design must include:

- At least one photo representing the business
- Business Name
- Phone number or email address for the business
- Address of the Business

### *Optional components*

- Website for the business
- Hours of operation

Note: This is not required but If you're up for a making real impact in your community, go check out an actual local business and obtain their consent to build application for them!

## Step 2:

### Build Your Project

#### Create a dll file

To complete this project, you will need to create dll file which have multiple functions representing your project.

#### Create a UML Diagrams

Create UML Class and activity diagram to show your application flow.

#### Create a Windows Form Application

Create WFA to make your application functioning.

## Step 3:

### Zip your Project for Submission

Be sure to zip your whole android project only after you have cleaned it and email me on [misbahperveen3388@yahoo.com](mailto:misbahperveen3388@yahoo.com) and submit the word file on LMS.