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| Academic Year | 2024 | | |
| Semester | Fall | Winter | Summer |
| Course Code - Name | CSCI 2040 – Software Design and Analysis | | |
| Instructor | Dr. Ali Neshati | | |
| Assessment | Lab 1 |  | |
| Deadline | 2 days (midnight) after your lab session |  | |

**Lab 1**

The main purpose of this lab is to test your knowledge of activity diagrams.

**Instructions:**

* You are required to submit this word document converted into PDF on canvas.
* Students having exactly similar work will get a straight 0.
* You are required to complete these questions using any drawing tool.
* The deadline for submission of this lab is during the lab session. If for some reason, you are not able to complete this lab in the lab session, please inform the TAs.

**Question**

In this lab you are required to design activity diagrams for Reserve and Pickup for BestBuy.ca.

Before you get started, visit [Reserve and Pickup](https://www.bestbuy.ca/en-ca/help/shipping-delivery-and-pick-up/reserve-and-pick-up) website for BestBuy to get an understanding of how reserve and pickup works. Once you have a solid understanding of how this process works, move to the task below.

**Task:**

Create a UML activity diagrams for Reserve and Pickup for BestBuy.ca. Please keep the following things in mind:

* Create a UML activity diagram to depict the high-level overview of Reserve and Pickup
* Create a UML activity diagram to depict the process of in-store pickup
  + For verification process, if item is not verified, make sure to register a complaint
  + Make sure to have “Order Complete” process
* Create a UML activity diagram to depict the process of curb-side pickup
  + Make sure to have “Order Complete” process
* Make sure in-store and curb-side pickup are depicted in the high-level overview diagram.

**Solution**