**Complex Use Case Lab**

This lab is to be completed individually.

For this lab, you will be modeling a complex use case selected from our case study this semester. Prior to starting this lab, your selected use case must be approved by your professor as per the Use Case Table Lab.

For your selected complex use case, please complete the following components:

**User Story:** Write a user story for the primary users’ needs from your use case.

**Activity Diagram:** Create an activity diagram, documenting all paths through the **add or** **update** function of your use case.

**UI Mockup:** Design form layouts for your use case.

**Systems Use Case Specification:** Write a systems use case specification based on a single path through your activity diagram logic.

**Class Diagram:** Using Visual Paradigm, create a class diagram to support your specification.

**Sequence Diagram:** Using Visual Paradigm, create a sequence diagram to support your specification.

Import PNGs or JPGs of all of your work into a single word document and submit along with all supporting files and/or links to source material by the due date posted by your professor.

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1.User Story:

As a marketing manager, I want to plan, create, launch, and monitor seasonal promotions so that we can boost sales during peak seasons and maximize our revenue.

2.ACTIVITY DIAGRAM :

A screenshot of a diagram

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3.UI Mockups

A screenshot of a computer screen

Description automatically generated

https://wireframe.cc/vNWXDT

4.Systems Use Case Specification :

|  |  |  |  |
| --- | --- | --- | --- |
| Use Case Name | Launch Seasonal Promotion | | |
| Triggering Event | Promotion is planned and created | | |
| Brief Description | This use case describes the steps a marketing manager takes to launch a seasonal promotion to boost sales during peak seasons. | | |
| Actors | Marketing Manager | | |
| Related Use Cases | Plan Promotion, Create Promotion, Monitor Promotion | | |
| Preconditions | The promotion is fully planned and created. | | |
| Post Conditions | All promotional materials are ready. | | |
| Flow of activities | Actor | | System |
|  |  | Selects the planned promotion. | Displays the promotion details. |
|  |  | Sets the launch date. | Schedules the promotion for launch. |
|  |  | Confirms the launch schedule. | Monitor the promotion |
| Exception Conditions | Save/Cancel | | |

5.Class Diagram



6.Sequence Diagram

A diagram of a project

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