



JURUSAN TEKNOLOGI INFORMASI

Software Engineering Course
09. Mid Term Exam

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Topics

1. Requirements Capturing
 - Textual Analysis
 - Use Case Diagram
2. Requirements Detailing:
 - Use Case Specification
 - Activity Diagram

Instructions

1. Form groups with maximum 5 students each.
2. Study the case study provided in this slide (Bakery System).
3. Perform the following tasks using Visual Paradigm in respect to the case study:
 - a. Actor and Use Case identification using Textual Analysis tool.
 - b. Use Case Diagram creation using results from point 3.a.
4. For each of the Use Cases identified in point 3.b., continue to work the following using Visual Paradigm:
 - a. Create their corresponding Use Case Specification.
 - b. Create their corresponding Activity Diagram.
5. Finish point 3.a. & 3.b, finish also **1 (one) Use Case Spesification** and **1 Activity Diagram for the corresponding use case**, then create a **REPORT** containing clear and easy to understand **step-by-step, with necessary screenshots** in DOCX (WORD) format then submit to the Google Classroom!
6. 1 group → 1 report.
7. Submission Form URL →
https://docs.google.com/forms/d/e/1FAIpQLSe_Ktz70rzQAh7dtX8x5YvXxzjPV5OTtxSqXFhJ54IeOODPmw/viewform?usp=sf_link

Bakery Order System Case Study

"Sarah runs a small bakery and wants to streamline her order fulfillment process. Currently, when a customer places an order, Sarah manually writes down the order details, prepares the baked goods, and then checks the order before giving it to the customer.

To streamline this process, Sarah decides to implement a new order management system. The system will allow customers to place orders online, and Sarah can manage the orders through a dashboard.

When a customer places an order, the order details will be automatically added to the dashboard, and Sarah will receive a notification. She will then be able to view the order details, prepare the baked goods, and check the order off as completed.

Once the order is completed, the customer will receive a notification that the order is ready for pickup. The customer can then pick up their order and pay in person or online.

With this new order management system in place, Sarah can more efficiently manage her orders, reduce errors, and provide a better customer experience."

Questions?



Thank You