

## CRN-73612-LabGroup 12

# Behavior Models



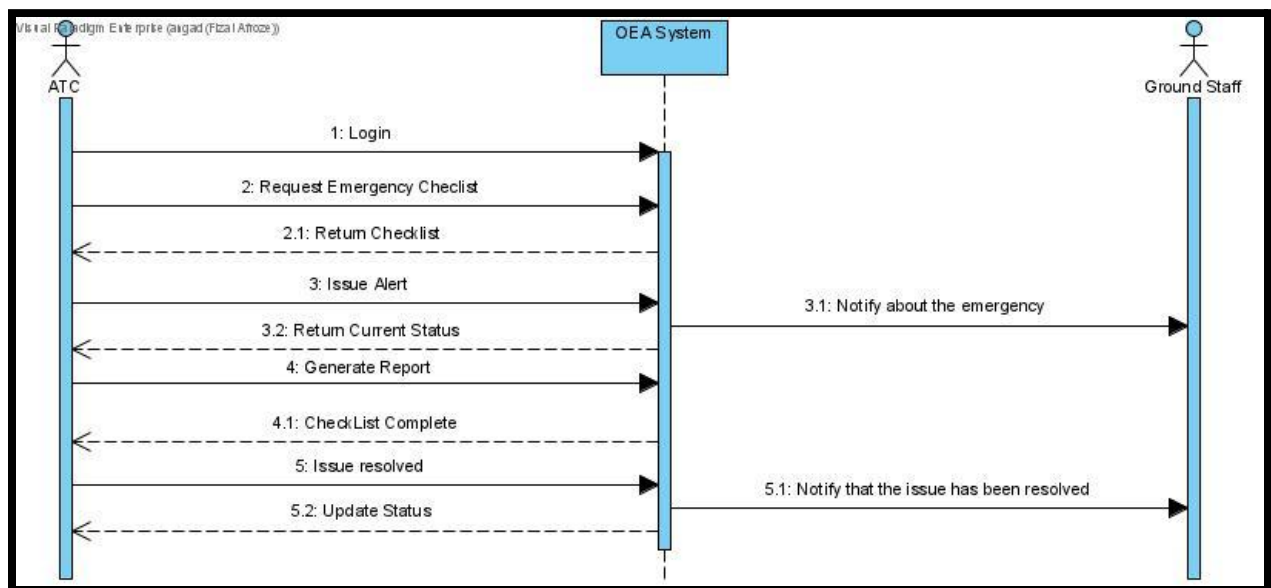
**Date: 03/31/2022**

# Table of Contents

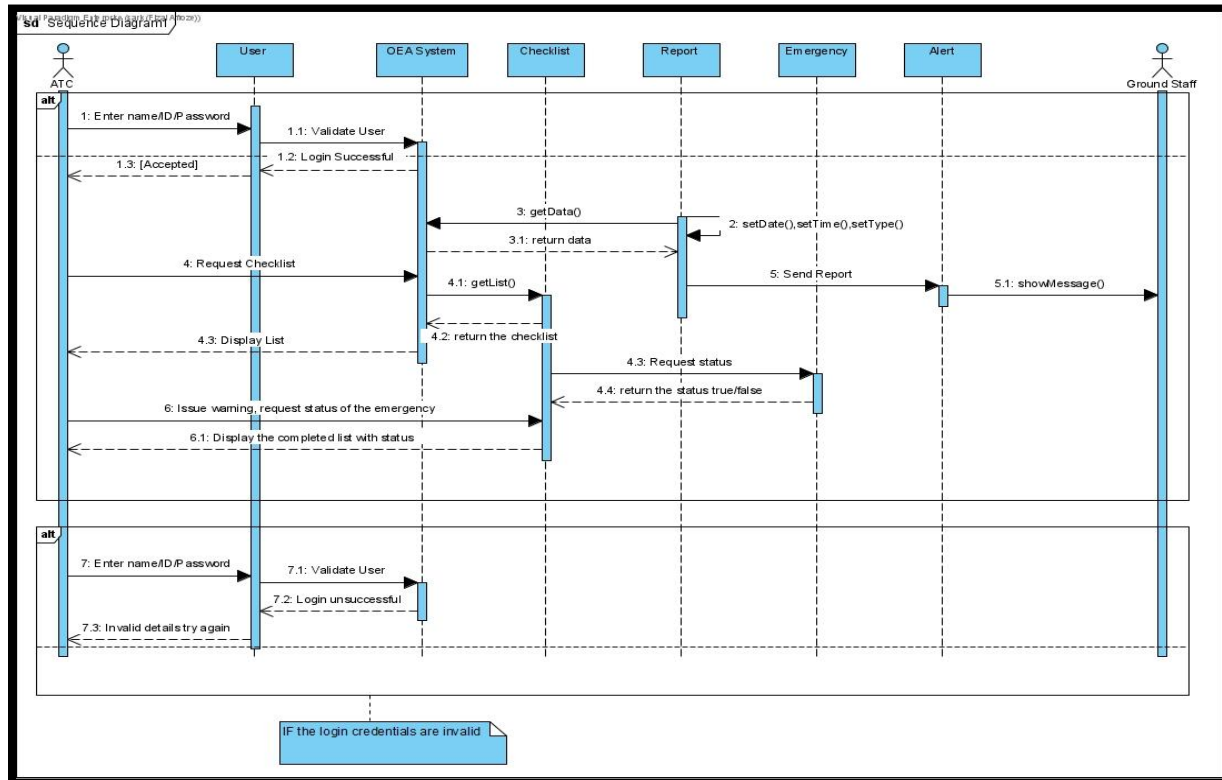
|  |          |
|--|----------|
| <b>Behavior Models</b>   | <b>1</b> |
| Authors: Soumil Thete, Angad Singh, Onosen Aziegbe   | 1        |
| Date: 03/31/2022   | 1        |
| <b>Objective: In this lab we focus on the refinement of requirements through the capture of dynamic behavior specified in the requirements. This lab focuses on interaction and state models that are used to capture the dynamic behavior of a software system.</b> | <b>3</b> |
| <b>#1a Sequence Diagram - (System level interaction)</b>   | <b>4</b> |
| <b>#1 Sequence Diagram (Class Interaction)</b>   | <b>5</b> |
| <b>#2 State Diagram:</b>   | <b>5</b> |

**Objective:** In this lab we focus on the refinement of requirements through the capture of dynamic behavior specified in the requirements. This lab focuses on interaction and state models that are used to capture the dynamic behavior of a software system.

## #1a Sequence Diagram - (System level interaction)



# #1 Sequence Diagram (Class Interaction)



# #2 State Diagram:

