

# MASTERING EMBEDDED SYSTEMS ONLINE DIPLOMA

Learn-in-depth

FIRST TERM – Project1

ENG-AHMED ADEL WAFDY

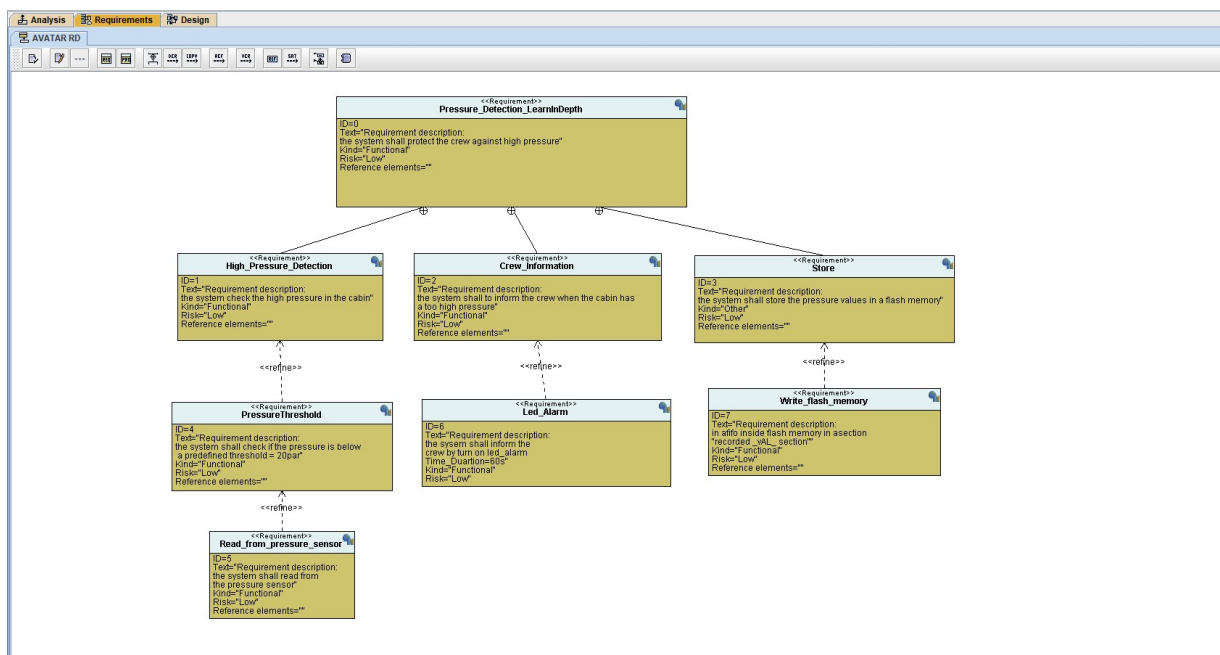
<https://www.learn-in-depth.com/online-diploma/fandes99@gmail.com>

## PRESSURE DETECTION SYSTEM

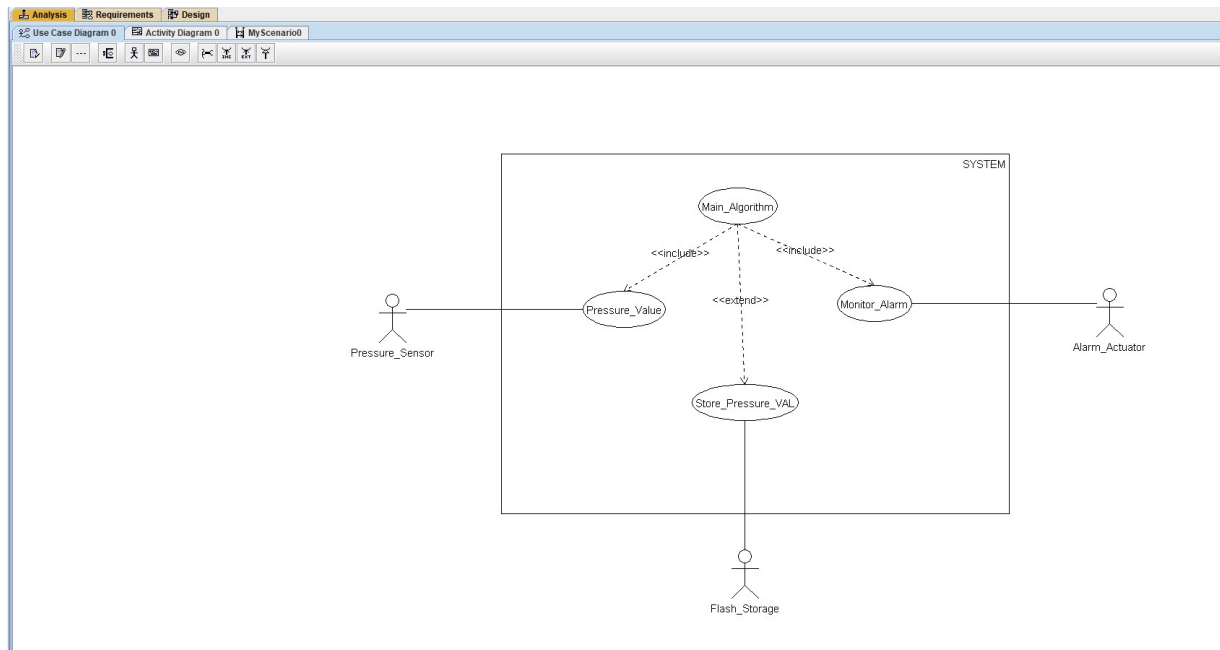
The main purpose of the project is to enable an alarm whenever the measured pressure inside the crew cabin has

passed the predefined threshold which is the client requirement .

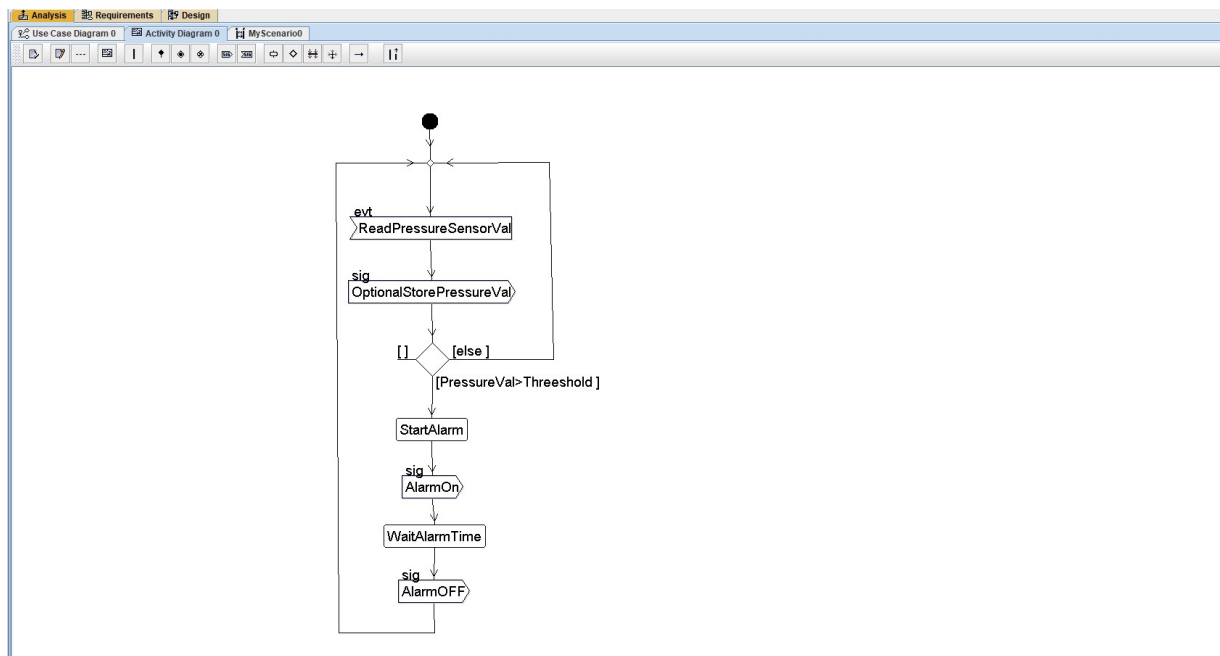
## Requirement Diagram :



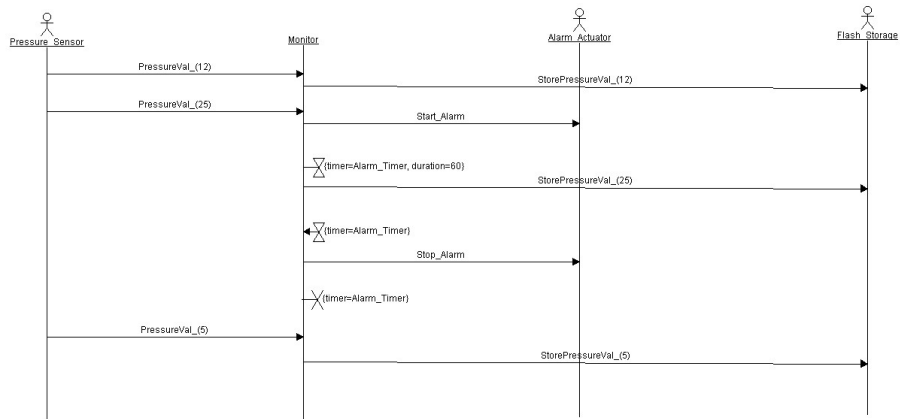
## Use Case Diagram :



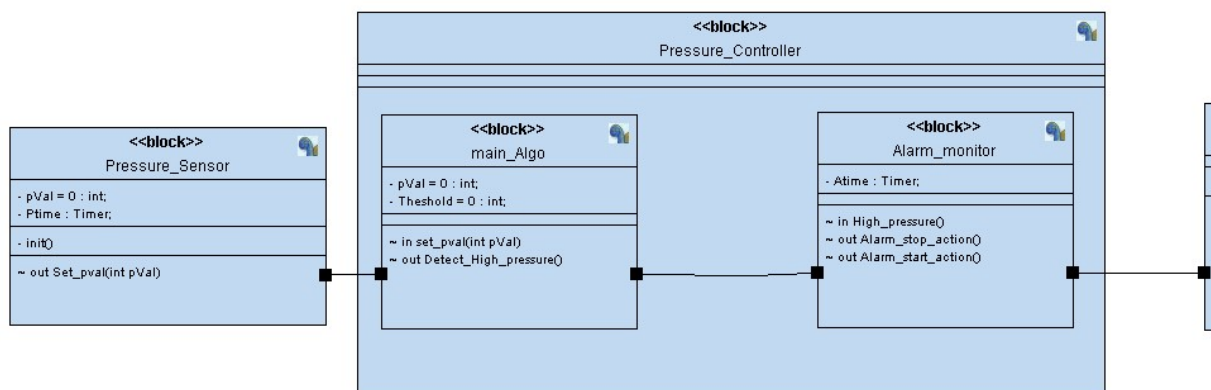
## Activity Diagram :



## Sequence Diagram :



## Design Modules :



## The State Machines :

