

**Mastering Embedded System**

**Online Diploma**

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**First Term**

**(Final Project 1)**

**“ Pressure Controller ”**

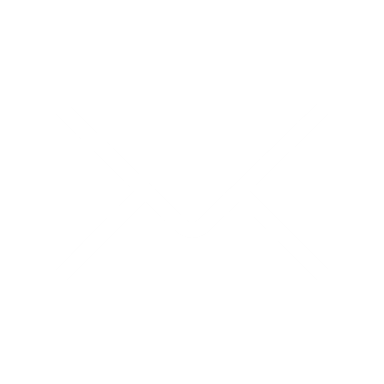
**CONTENT:**

* **Client Requirement.**
* **System Requirement.**
* **Requirements Diagram.**
* **System Analysis:**

1. **Use Case Diagram**
2. **Activity Diagram**
3. **Sequence Diagram**

* **System Design:**

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* **Client Requirement.**

A client expects you to deliver the software of the following system:

* Specification (from the client)
* A pressure controller informs the crew of a cabin with an alarm when the pressure exceeds 20 bars in the cabin.
* The alarm duration equals 60 seconds.