

Robot arm controller

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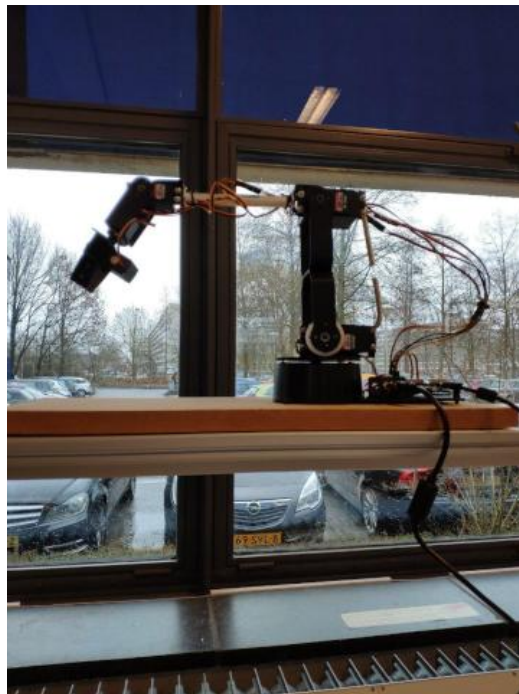


Figure 1: AL5D robot arm

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1 Robot arm controller

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1.1 Use Cases

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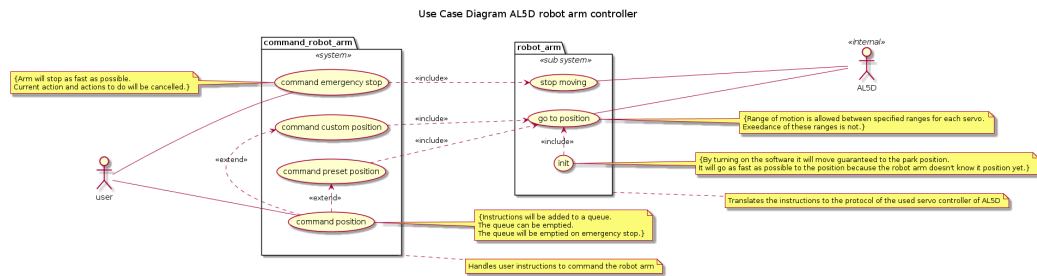


Figure 2: UCD

1.2 Componenten

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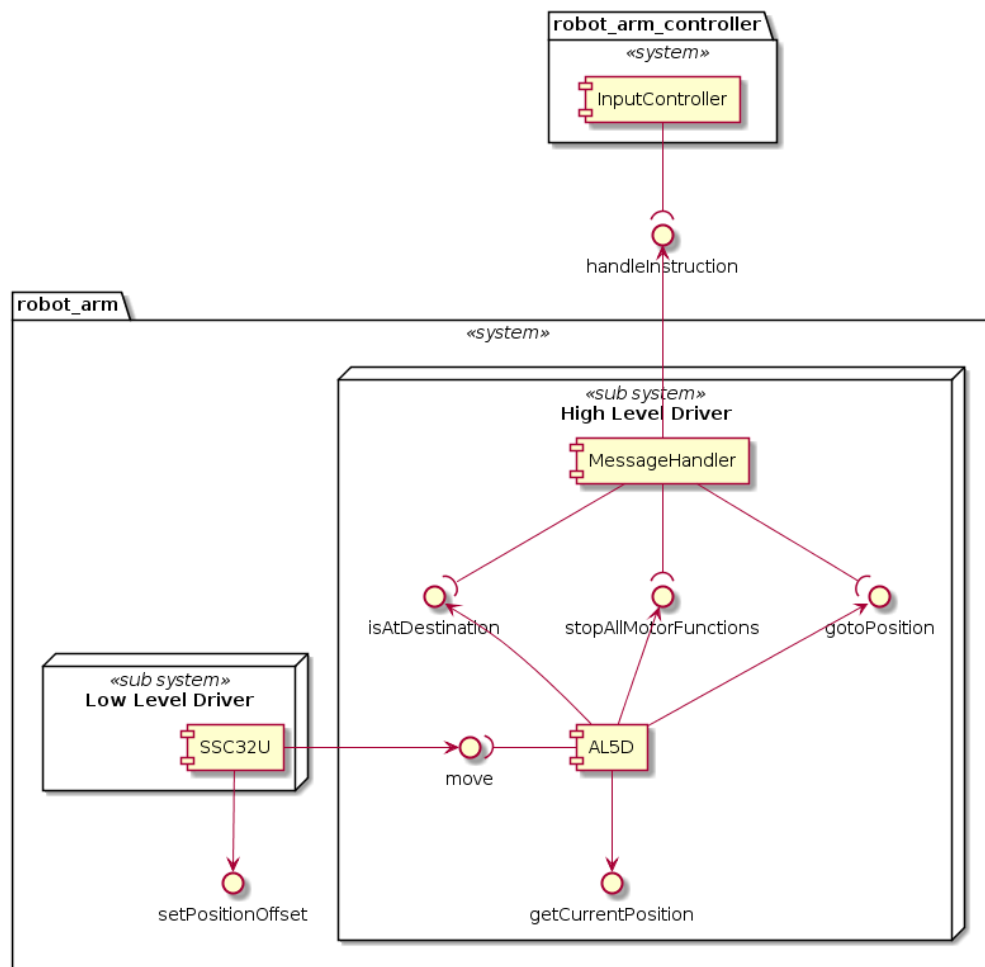


Figure 3: Component diagram

1.3 Behavioral state machine

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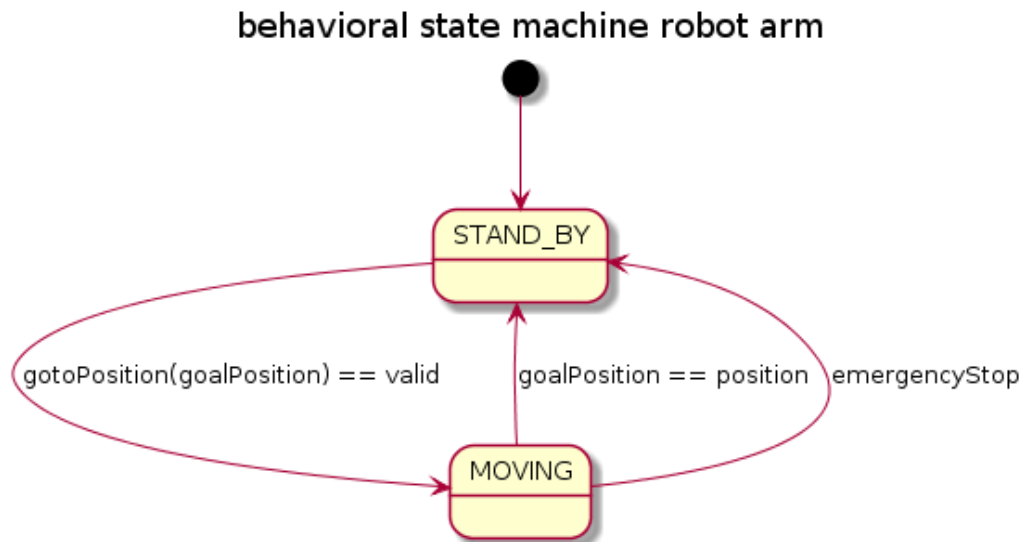


Figure 4: Behavioral state machine

1.4 Protocol state machine

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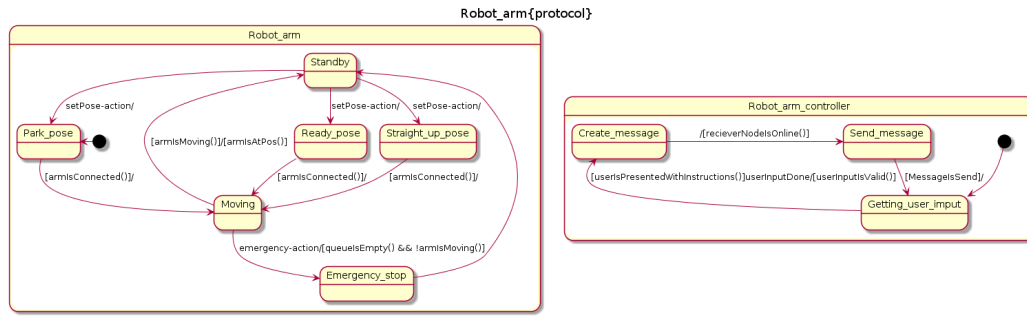


Figure 5: Protocol state machine

1.5 Timing gripper

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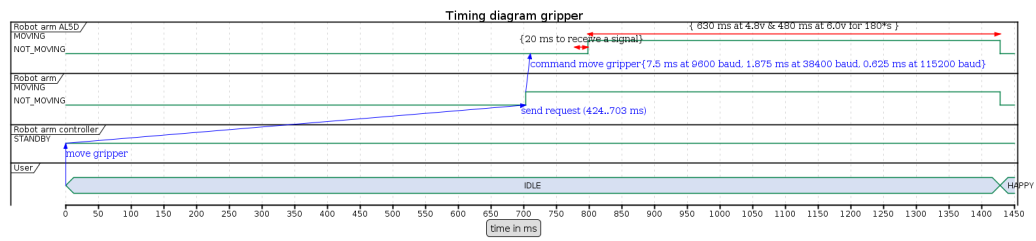


Figure 6: Timing diagram gripper

1.6 Init

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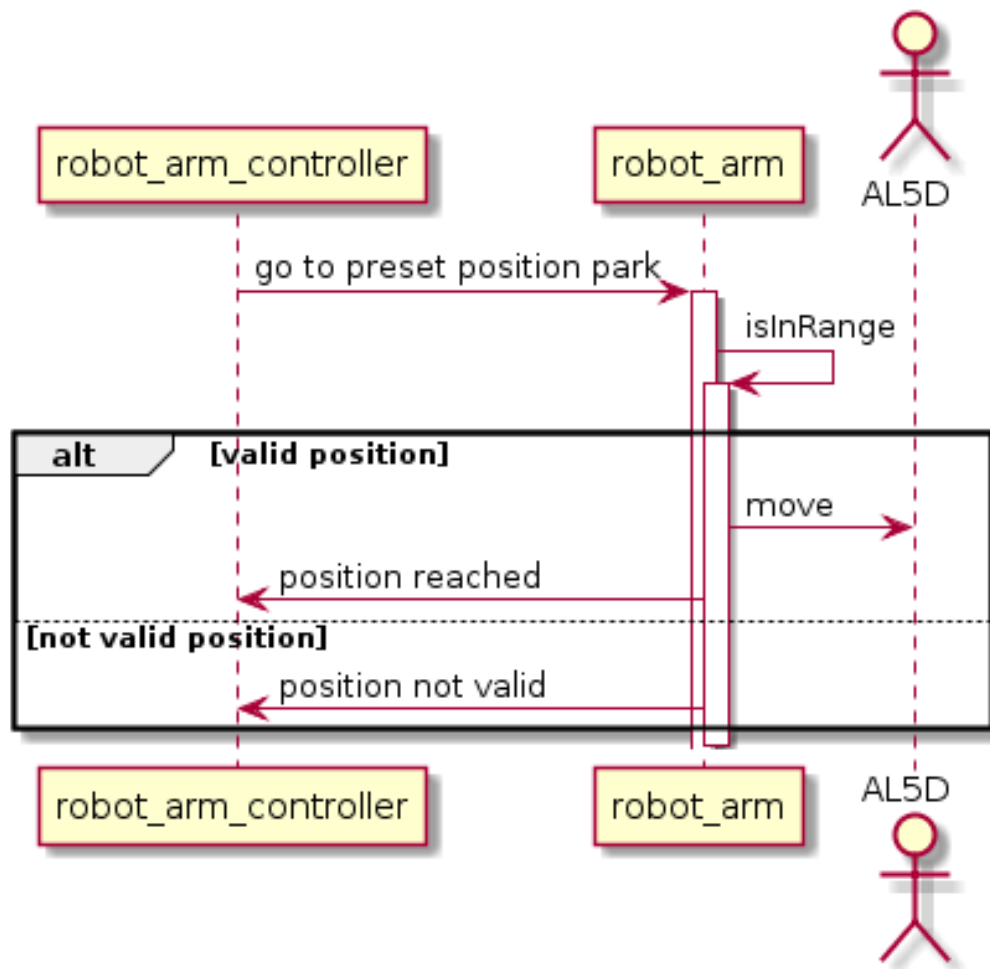


Figure 7: Sequence diagram init