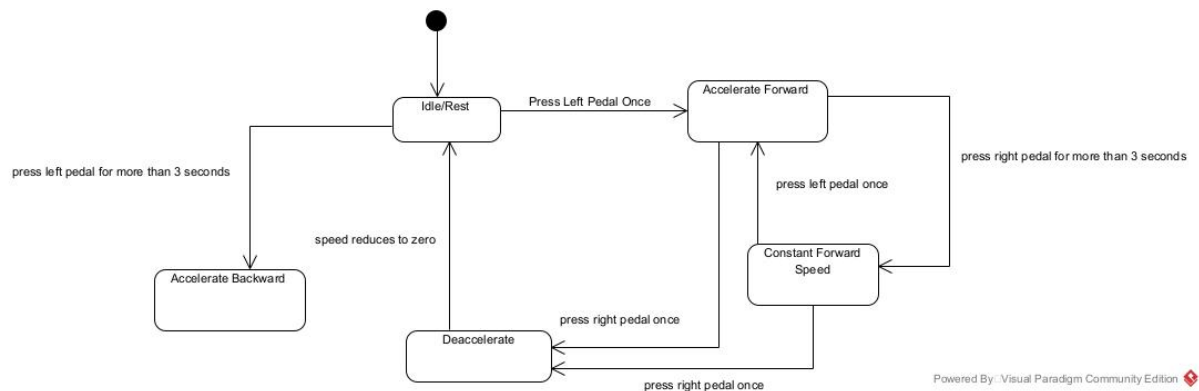


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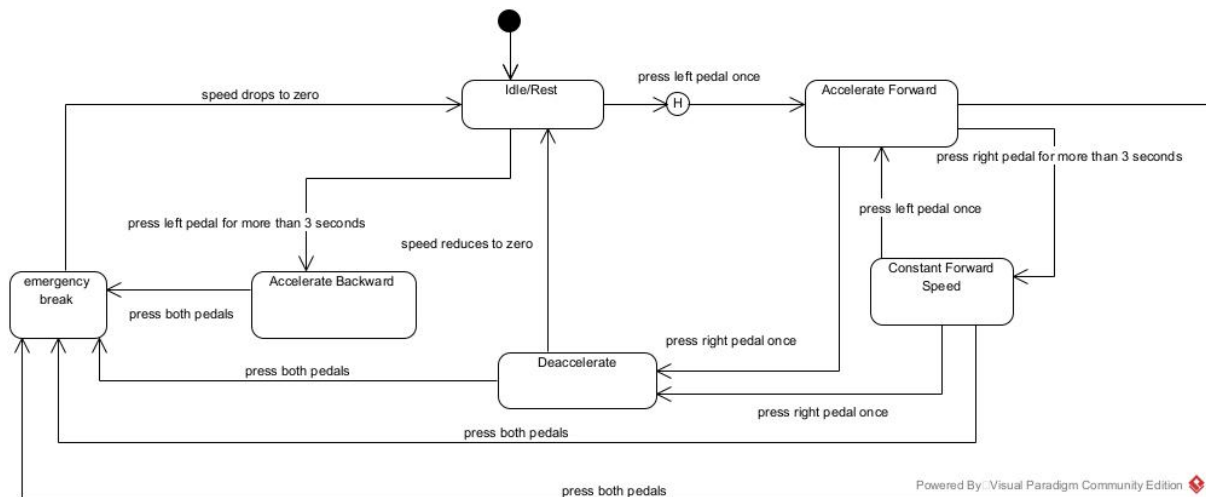
# ASSIGNMENT 3 – UML STATE MACHINE

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## PART 1:



With assumptions added:



### Assumptions:

Pressing both buttons together causes the emergency break to be deployed and in turn transitions to idle/rest state.

History of previous state is stored.

### References:

<https://www.visual-paradigm.com/guide/uml-unified-modeling-language/about-state-diagrams/>

<https://chat.openai.com/>