

HW5

Assign: 2020.04.17

Due: 2020.04.23 (Thursday)

Late penalty (10% per day up to 5 days, No acceptance after 5 days)

Your name:

1. Draw a UML state diagram to model the control program for a portable CD player. Include three states: stopped, playing, and paused. Also, include three events possible in any state: pause_is_pressed , stop_is_pressed , and play_is_pressed.
- 2 . Draw a UML state diagram for a book in a Library Mgmt. System. Include three states: available, borrowed, and reserved. Also, include events possible in any state: borrow, return, reserve, cancel reservation, reservation times out and renew.