



INFORMATICS INSTITUTE OF TECHNOLOGY University of Westminster

Department of Computing BSc (Hons) Computer Science

Module Name: Object Oriented Programming

Module Code: 5COSC019C

Full Name: Janudi Yatagampitiya

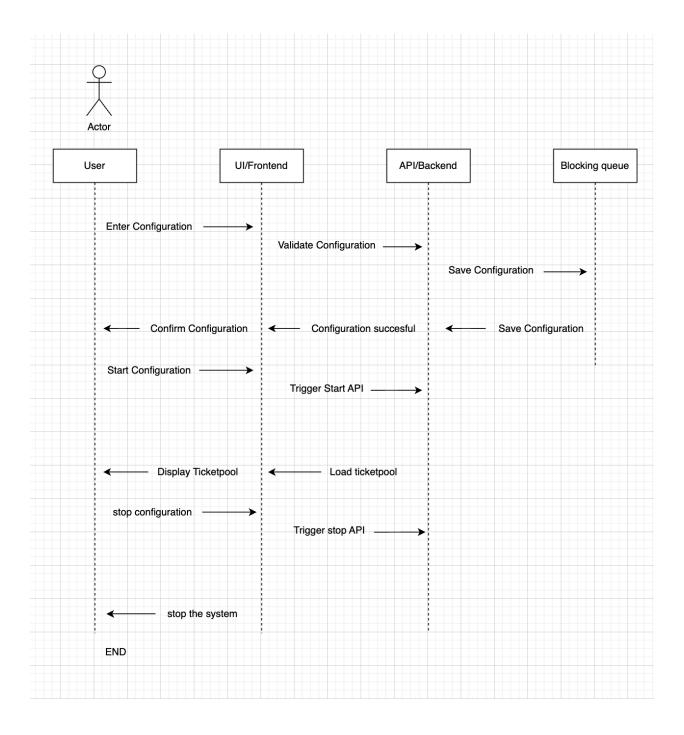
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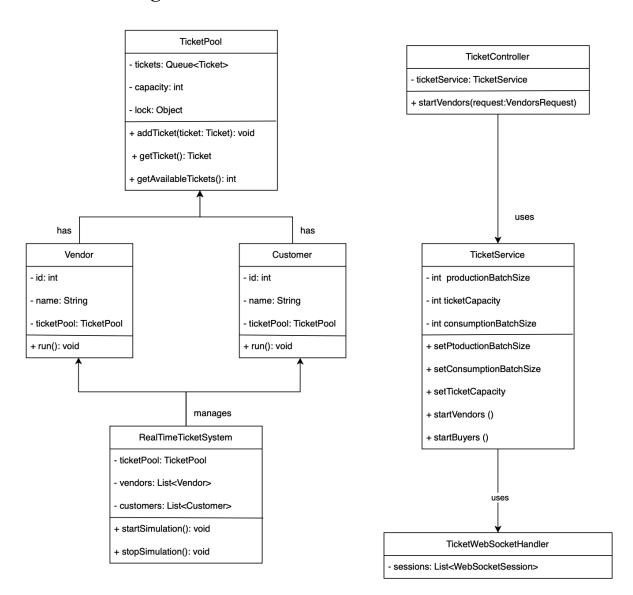
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1. Sequence diagram



2. Class diagram



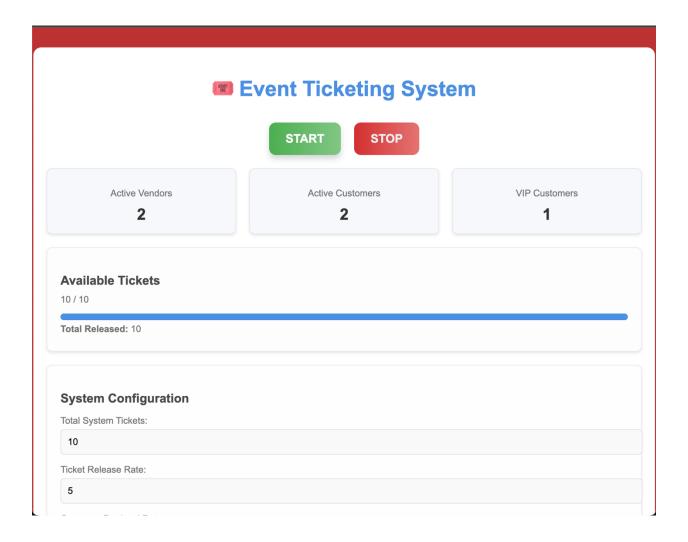
3. Test Cases

Test case scenario	Scenario description	Result	Status
Display a menu for start and stop commands	Enter the correct option to start the system	Program started	
	Enter the correct option to exit the system	Exit the system	Pass
Start the system	Enter all valid inputs Enter invalid inputs		Pass
System configuration	Test manual configuration using user inputs Configuration using previous data		Pass
Ticket releasing process	Ticket releasing process stops when total tickets reach the maximum ticket capacity		Pass

Ticket retrieval process	Customer retrieval rate is higher than vendor release rate	
	Customer retrieval rate is equal to Vendor release rate	Pass
	Customer retrieval rate is less than vendor release rate	
Minimal configuration		
Configuration input validation	Entering invalid characters	Pass
Save config data to JSON file		Pass

4. CLI

5. Frontend



6. Backend

