

SOFE 3650U: Software Design & Architecture

Project Deliverable 2 - Project Progress Report

Quality Attributes

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Quality Attributes for the Use Case:

ID	Quality Attribute	Description	Associated Use Case
QA-1	Availability	The Movie Theatre website must be available to users 24/7, unless it is taken down for bug fixes and updates (downtime).	All
QA-2	Interoperability	The system must be able to communicate with the database and API to exchange valuable information. 100% of that information should be processed and verified.	UC-2, UC-3, UC-4, UC-5, UC-12
QA-3	Modifiability	The developer will be able to update the system frequently by modifying the available movies on the website.	UC-2, UC-4, UC-11
QA-4	Performance	The website must be able to produce transactions and display tickets in a timely manner. There should be little delay when performing transactions.	UC-9, UC-10, UC-11, UC-12
QA-5	Security	The website must have high security to deal with money transactions and for storing personal information of the user.	UC-13, UC-14, UC-15
QA-6	Testability	System must have	UC-15

		testable features, i.e. checking to make sure the user is a valid/registered user of the system.	
QA-7	Usability	The website must be user friendly and have highly-responsive features to accommodate for the end user's needs.	UC-6, UC-7, UC-8, UC-9, UC-15