

## The Architecture Design Process

### Architecture Driven Design (ADD) Step1: Review Inputs

The inputs are summarized in the following table :

Category	Details								
Design Purpose	Art Gallery is a website that allows users to create accounts to browse and buy art pieces. The system features a login/account system with a payment system for ordering art. The system administrator manages the website by adding/removing art pieces, changing prices, and editing accounts, among other privileges.								
Primary Functional requirements	UC-2: Buy or Sell arts: This directly supports the core of the project through the purchasing of art pieces and the ability to add to the database by the administrator UC-5: Collection Page: This directly supports the core of the project through the ability to modify the art piece collections page UC-8: Manage Art Gallery: This directly supports the core of the project through the ability to modify the art pieces database. It also supports modifiability of the back end with a technician								
Quality attribute scenarios	<table><tr><th>Quality Attribute Scenario</th><th>Importance to the Customer</th><th>Difficulty of Implementation According to the Architect</th></tr><tr><td>QA-1</td><td>low</td><td>low</td></tr></table>			Quality Attribute Scenario	Importance to the Customer	Difficulty of Implementation According to the Architect	QA-1	low	low
Quality Attribute Scenario	Importance to the Customer	Difficulty of Implementation According to the Architect							
QA-1	low	low							

	QA-2	high	medium
	QA-3	low	low
	QA-4	high	medium
	QA-5	medium	low
	QA-6	high	low
	QA-7	high	low
	QA-8	high	medium
	QA-9	low	low
	QA-10	low	medium
	QA-11	medium	low
Constraints	All the concerns discussed in initially are included as drivers		
Architectural concerns	All the architectural concerns discussed initially are included as drivers		