

## **Team Items:**

Iterative Development Method: SCRUM

Estimate of Sprint Backlog Capacity: Velocity

Estimation for User Stories: Planning Poker - done as a team

Daily Commitment Meeting: Daily Standup

Responsible for Reviewing Product Backlog: Product Owner - works with the team throughout development to ensure the product sticks to what the client needs

## **OpenUP Phases:**

Defining Project Scope: Inception -1

Managing Risks: Elaboration -2

Software Deployment: Transition -3

Development & Testing: Construction -4

## **Object oriented design concepts:**

Single Responsibility Principle: A class should have only one job or responsibility.

High Cohesion: Classes should have closely related responsibilities.

Information Expert: The class that has the most information about a task should be the one responsible for handling it.

Low Coupling: Classes should have minimal dependencies on each other.

Law of Demeter: A class should only interact with its direct dependencies, avoiding indirect ones.

Dependency Inversion Principle: High-level modules should not depend on low-level modules, but both should depend on abstractions.

Controller: The controller is responsible for handling user input, updating the model, and selecting the view to display.

Open/Closed Principle: A class should be open for extension but closed for modification.

Polymorphism: This allows different classes to be treated as instances of the same class through inheritance.

## **Trello Stuff:**

System Behavior Specifications: Acceptance Criteria

Feature Testing Completion Criteria: Definition of Done

Writing Functional Requirements in Agile: User Stories

Project Requirements Management Tool: Trello

Large User Story: Epic

Epic Covered in Multiple Sprints: Sprints

Task for Gathering Information: Spike

Refining User Stories for Estimation: Backlog Refinement

Initial Design Ideas for a User Story: Solution Tasks

## **Class Diagrams:**

Class Diagram Relationship Direction: Associations  
Diagram Representing Class Details: Class Diagram  
Designing System Structure: Architectural Design  
Understanding the Problem Space: Domain Analysis  
Expert and User Daily Work Environment: Domain Model

## **Other:**

API for Request-Response Interaction: REST  
Framework for Single-Page Applications (HTML & TypeScript): Angular  
Angular: Binding HTML Element/Directive Values: Property Binding  
Automatically Syncing Page with App State: Data Binding  
App Content Change Based on Navigation: Routing  
Data and Behavior Entity: Object  
Message Passing in App Components: Observables  
Single-Instance Application Objects: Angular Services

First Release Required Stories: MVP  
Component Testing Dependency Relationship: Seam  
Feature Development Version Control: Feature Branch  
Git Operation for Fetch and Merge: Git Pull  
Web Structure Description Language: HTML  
Common REST HTTP Operations: CRUD

## **User Story Template:**

"As a [ROLE], I want [GOAL] so that [BENEFIT]."

## **Acceptance Criteria Template:**

"Given [PRECONDITION], when I [ACTION], then I expect [RESULT]."