

# **COSC 4P02**

Software Engineering II

## Product Backlog and Sprint Backlog

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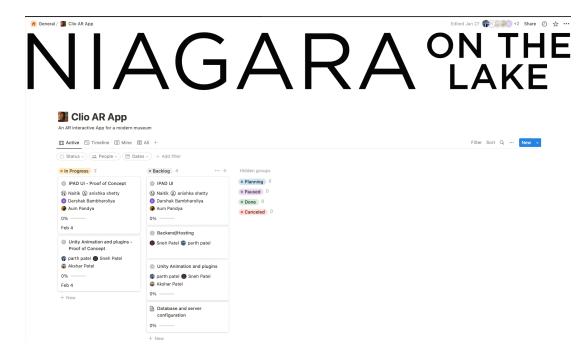
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## **Product Backlog**

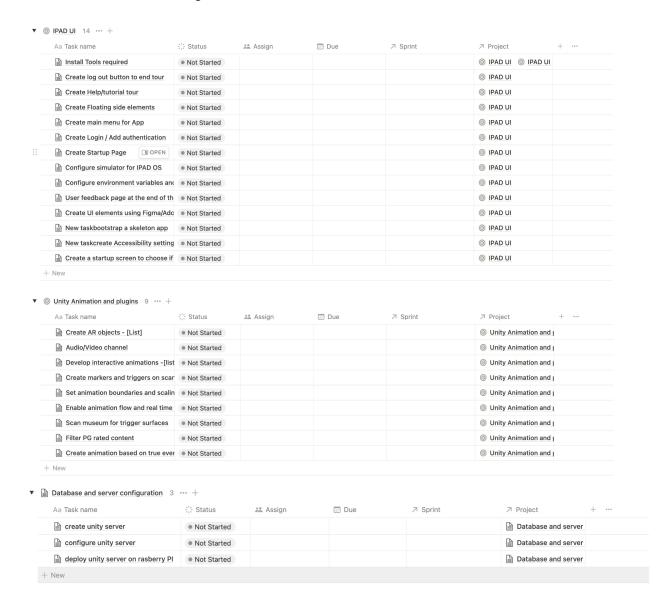
Since we are using scrum as our method of choice for the project. We have self-organized ourselves to suit our way of working and divided the project into distinct sections to work on. Our team has organized itself into 2 halves, one is responsible for creating the UI and performing all the user testing that is required, and the other is responsible for creating Unity Elements and creating interactive elements that can be projected into the real world along with managing the server that hosts our unity project.

Our Notion Page: Clio AR Experience

We are using Notion to manage our product backlog and for sprint planning.



#### Here's our Product backlog:



We will also use Notion to assign product backlogs to each developer and make sure the deadline is met. Each product backlog has more detailed tasks that the assigned developer will need to complete in order to meet the product requirements and handle the backlog efficiently.

Here each task has a description, where we can further details like guides or document any blocker we may encounter at the end of the sprint. Below is example of how a task looks like in notion:

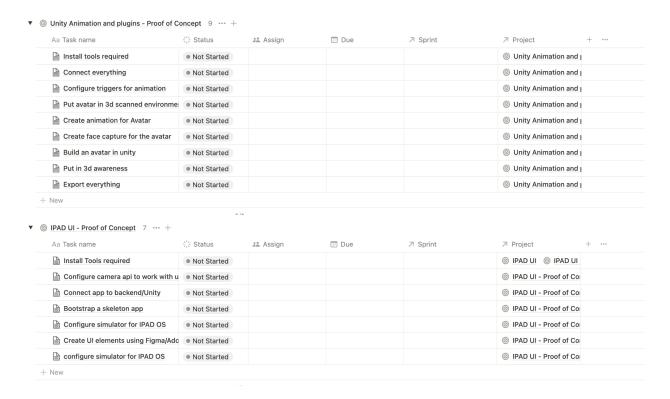
#### **Install Tools required**

	Status	Not Started		
22	Assign	Empty		
	Due	Empty		
7	Project	⊚ IPAD UI		
		◎ IPAD UI - Proof of Concept		
~	2 more properties			
	☐ Homebrew / npm / npx			
☐ Set up react native on your computer				
	☐ CLI			
	☐ Simulator			
	☐ A simple camera view API			
	Add react-nativ	e-camera library		
	React Native UI Components			
	□ Docker			
	Visual Studio / Unity	y		
	☐ Brackets / HTML formatter / VS Code extension			
	☐ Webpack			
	☐ ARKit / ARCore			
	Google cloud vision	API		

## 1st Sprint Backlog

For our 1st Sprint, we have decided to create a proof of concept for our app, which would be a skeleton app i.e would be created using our current decided tech stack. We are doing it to investigate any issues that we may come across during development and if we discover any critical issue that forces us to change any part of our tech stack or our approach it can be done now and save us a crucial amount of time.

#### Here's our 1st Sprint backlog:



After the first sprint is completed, we will assess the tools used in the skeleton app and any issues faced during the sprint. And if need be, we will modify our approach to the development process and plan the further sprints accordingly. All the product backlogs will then be assigned and dealt with according to their priority.