Aviva Foundry Academy
Luton Town FC Card Game

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LTFC Card Game : The Challenge

Project

The Challenge - Create a single page web application identifying delivery and test methods during implementation.

Decision - Create a web hosted game for Luton Town Fans.

Using the following toolset - HTML, Java Script, CSS Files, Json, C# and API's

Delivering a Project (Methodology)

Identify the key members – Sponsor, Product owners, Scrum master, Developers (UI/Software/Application), Users, Architect/Designers and Project Manager

Type of delivery method – Waterfall, Agile Development, DevOps, Scrum, Kanban, Spiral Model, Big Bang Deployment, Feature Toggles (Feature Flags), Containerisation and Microservices, Serverless Computing

Stakeholders and comms plan

Requirements

What is needed – these can be from the creator or a group of people. This is called a Focus group where people are asked the same questions offered choices and the most popular chosen.

Rate the requirement into groups – one way is to use MoSCoW to help decide the order for delivery to allow a working model to be built and tested quickly.
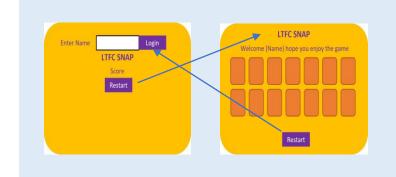
User Interface:	M	o	S	C	o	W
User-friendly	Y					
Visually appealing interface	Y					
Luton Town FC branding	Y					
LTFC logo			Y			
LTFC colors			Y			
LTFC Graphics				Y		

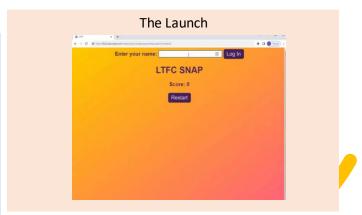Break down the requirements to functional and non-functional then create you backlog and delivery plan

User Interface:	F/NF
User-friendly	F
Visually appealing interface	F
Luton Town FC branding	NF
LTFC logo	NF
LTFC colors	NF
LTFC Graphics	NF

Create a wire frame diagram to visualise the game

Delivery

Building

Estimation

Epic	Task	Build/Test	Wk1	Wk2	Wk3	Wk4	Wk5	Wk6
User Interface:	Logon Page	Build						
		Test						
	Game Play Page	Build						
		Test						
	Game Over Page	Build						
		Test						
	League Page	Build						
		Test						

The Launch

http://fb23.decoded.com/webproject/webproject/webproject/frontend/

Enter your name: Log In

LTFC SNAP

Score: 0

Restart

LTFC Card Game : Retrospective

Development

Adding a table to capture log in and password, create a table of results, add choice complexity by offering less or more cards, display player name and other data

Where to look

The internet is a place to find answers, but it is knowing which the first response is not always the right one.

CHAT GPT is a great resource to use and the more you chat the more useful it is.

Lessons Learnt

Planning – it was important to make sure you understand what you are delivering, my project changed from retrieving data from the internet. This could not be done with current data as all API's where chargeable.

Technology choice – knowing what and how you are planning to build your app reduces wasted development.

Knowledge gained – using all those products has shown me how complex coding is but most problems have been solved before it's knowing where to look

http://fb23.decoded.com/webproject/webproject/webproject/frontend/