

Project Charter

The project charter represents the first blueprint of the system. It is a statement of intent by your client of their desire to develop a software solution.

The Client:

Company and Project Sponsor – PROG3050

Contact Name – Daniel Isaacs

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Business Purpose:

The primary purpose of this project is to create a website which would potentially attract members to join an 'Insiders Club' for indulging in gaming related activities. This website would allow users to manage their memberships. Also, the website will provide users with access to several members-only features with the goal of retaining its members.

Project Roles/Responsibilities:

<i>Name</i>	<i>Roles</i>	<i>Responsibilities</i>
<i>Deepak Nirmal</i>	<i>Project Manager and Backend Developer</i>	<i>Use-Case Diagrams, Developing Class Diagrams and Business Logic</i>
<i>Josh Athwal</i>	<i>Front end and Database Designer</i>	<i>Website design diagramming, SQL database design and project keeping</i>
<i>Ethan Tai</i>	<i>Front end Development and Project Planner</i>	<i>Front end programming, Project planning and Installer Development</i>
<i>Ethan Batch</i>	<i>Front End and Back End Tester.</i>	<i>Front end interactive testing, Unit tests and Technical Documentation</i>
<i>Lalit Bhattarai</i>	<i>Report and Database Developer</i>	<i>Communication with client, Use case diagram</i>

		<i>development, SQL database and Report development</i>
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Event Table:

Use Case#	Use Case Name	Event	Trigger	Source	Response	Destination
UC01	Display Available games	Customer wants to view the list of available games	When 'Game List' button is clicked	Customer	Item availability details are displayed	Customer
UC02	Download Reports	Allow employees to download reports	Clicking 'Download' button after choosing the type of report from the report page on the employee panel	Employee	Downloads the report in a pdf format	Employee
UC03	Add Game	Employee adds games to the database	Clicking 'Add Game' Button in Add Game page	Employee	Adds game to the database	Customer
UC04	Edit Game	Edit already existing games in the database	Clicking 'Edit Game' button in Edit Game page	Employee	Edits existing games in database	Customer
UC05	Delete Game	Delete existing games in the database	Clicking 'Delete Game' button in Delete Game page	Employee	Deletes existing games in database	Customer
UC06	Add Event Data	Allow Employees to Add Event Data	Clicking 'Add Event' button in Add Event Page	Employee	Adds a new event	Customer
UC07	New Member Sign Up	Allow visitors to sign up as a member	Clicking 'Sign Up' button in Sign Up page	Member	Please validate your email message	Member
UC08	Validate Email	Allow members to validate their email	Clicking 'Validate' button in the email received from application	Member	Email has been verified message	Member
UC09	Member Login Success	Log the member into their user account if correct credentials are entered	Clicking 'Login' button in the Login page	Member	Displays their user profile	Member
UC10	Member Locked Out	Lock out the member	Wrong credentials provided 3 consecutive times	Member	Account locked out message appears	Member
UC11	Change password	Change the members password	Clicking the 'Change Password' button in change password page	Member	Returns to Login page with password successfully changed message	Member
UC12	Update Profile	Update the members profile information	Clicking the 'Update Profile' button in profile page	Member	Profile updated successfully	Member
UC13	Preferences	Update the members preferences information	Clicking the 'Update Preferences' button in preferences page	Member	Preferences updated successfully	Member
UC14	Update Address	Update the members address information	Clicking the 'Update Address' button in Address page	Member	Address updated successfully	Member
UC15	Search Games	Search games in database	Typing the name of the game	Member	Displays the list of game based on the keywords entered	Member
UC16	Display Game Details	Select a game from the list	Clicking details link on the side of the game	Member	Displays the details of the game	Member
UC17	Display Game Recommendations	Display game recommendations based on the preferences that have been chosen by the member on the game details page	Clicking details link on a game	Member	Displays game recommendations in a section in the details page	Member
UC18	Add Game to Wishlist	Add games to a wish list	Clicking add to wish list link available beside each game	Member	Displays an added to wish list successfully message	Member
UC19	View Family Member Wishlist	Display a list of games on the Wishlist of a family member	Clicking the 'View Wishlist' link on the side of family members names on the list	Member	Displays a list of games on the Wishlist of the chosen family member	Member
UC20	Add to Friends and Family List	Add existing members to the friends and family list	Clicking on 'Add to Friends and Family List' button on the	Member	Displays added to friends and family list successfully message	Member

			Add Friends and Family page			
UC21	View Wishlist	Display a list of games on the members Wishlist	Clicking on 'View my Wishlist' button on the members panel	Member	Display the list of games on the members wish list	Member
UC22	Share Wishlist	Share a member's Wishlist to Instagram	Clicking on the 'Instagram' icon on the My Wishlist page	Member	Displays shared successfully message	Instagram
UC23	Display Family and Friends List	Display the list of all the friends and family members	Clicking on the 'Family and friends' link on the member's panel	Member	Displays all the friends and family members of the member	Member
UC24	Rate Games	Choose a rating for the existing game on the database	Clicking the relevant star symbol beside each game in the list	Member	Updates the average star rating for that game	Member
UC25	Add Game Review	Write a review for a game in the database	Clicking on the 'Add Review' button on Add Review page	Member	Sends a review request to Employees	Member
UC26	Approve Review Request	Allow employees to view the review requests and approve	Clicking 'approve' button on the review page	Employee	Saves review to database and deletes the review request	Member
UC27	Decline Review Request	Allow employees to view the review requests and decline	Clicking 'decline' button on the review page	Employee	Deletes the review request	Member
UC28	Add to Cart	Add games to cart	Clicking 'Add to cart' button beside each game displayed in the game list	Member	Adds the game to the cart and displays a message game added to cart successfully	Member
UC29	Checkout	Checkout the games in the cart	Clicking 'Checkout' button in the Checkout page	Member	Adds the order details to the database and displays the order successfully placed message	Member
UC30	Display Order Requests	Display all the order requests	Clicking 'Order requests' page on the employee panel	Employee	Displays all the order requests	Employee
UC31	Approve Order Requests	Approve the order requests	Clicking 'Approve' button beside each order request	Employee	Displays order requests approved successfully and change the order status property of the order to processed. Also delete the order request from the list	Employee
UC32	Decline Order Requests	Decline the order requests	Clicking 'Decline' button beside each order request	Employee	Displays order requests declined successfully and deletes the order request from the list	Employee
UC33	Download Games	Download games from the games list	Clicking 'Download' button beside each game on the games list	Member	Downloads the game(file)	Member
UC34	Display Events	Display all the current events	Clicking 'Events' tab on the members panel	Member	Displays all the events as a list	Member
UC35	Register for Events	Register for an event	Clicking 'Register' button available beside each event	Member	Displays registered for the event and adds the member's name to attendees list for that event	Member

Features List:

Employees perspective: Employees must be able to add, edit and delete games. Further, employees should be able to add events. Review and order requests should also be manageable. The web application should also allow various kinds of report generation.

Member perspective: Members should be able to do the following.

- 1) Create an account and login.
- 2) Update various information like preferences, address, profile, and password.
- 3) Member account should be locked out if wrong credentials are provided consecutively 3 times.
- 4) Members should also be able to search, view, rate, order and download games.
- 5) View game recommendations, add games to Wishlist and add other members of the application to family and friends list.

- 6) *Write reviews for the game. Reviews require approval of an employee.*
- 7) *Register for events and share the Wishlist on Instagram.*

System Objectives:

- 1) All system functions should be implemented exactly as defined in the project description.
- 2) The webpages should be designed in a manner that the user is easily able to navigate between the features and pages.
- 3) Following proper coding standards.
- 4) Errors and exceptions need to be properly handled.

Project Critical Success Factors:

- 1) Adhering to the project plan and completing the assigned tasks before the deadline.
- 2) Treating and communicating with team members in an ethical manner.
- 3) Help each other if necessary to contribute to the project completion.
- 4) Giving and taking constructive feedback.

Preliminary Technical Architecture:

ASP.NET Framework, C#, and SQL Server Management Studio