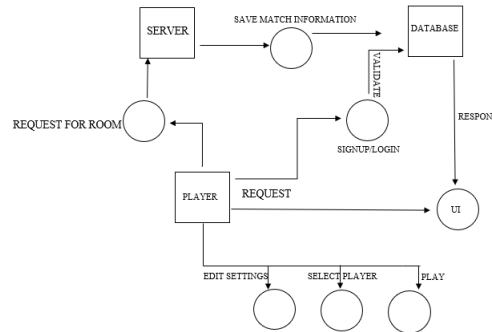# Battle of criminals

Final Year Project (2016-2020)
Department of Computer Science
COMSATS University Islamabad, Attock Campus

Introduction

- A Battle Royale Game
- Limited Individual players
- Individuals will fight against each others, no duo, squad concept
- Last standing player gameplay

Motivations

- Entertainment
- Skills Showcasing
- Learned a lot about the multiplayer games.
- Networking knowledge
- Promoting students towards game industry.

System Background

Our project is based on interesting concept of Multiplayer Gaming. Battle of Criminals is a server-based video game. Winning possibility depends upon the survival until the last man standing. This game will be actually a do or die condition for the players because all of them have to kill the opponent in order to survive, Player who survive the battle will be the winner.

Architecture

Objectives

- Learning complete functionality of shooting games
- In-depth knowledge of multiplayers, and how they get into rooms and game
- Backend database working behind the game
- Modelling and designing of the game environment.

Results

Multiplayer movement and shooting.

User Application

Interaction through UI of the game.

Conclusion

If you have followed every chapter, not have only you deepen your understanding of our game, its development and designing process, but you have also learnt to create your own prototype.
We gave our best to explain every aspect of each individual part, so it will not cause confusion. Each chapter explains everything about the game, and each chapter briefly describes what and how we did it.

Future Directions

- ❑ We have found out few limitations in Unity Engine, during development of this project so we have decided to remake this Project in Unreal Engine in future.
- ❑ We will improve player and Bot animation.
- ❑ AI Bots are working fine but sometimes, they get stuck. So Artificial Intelligence of Bots will be improved in future.
- ❑ We will add Simple Chat and Voice chat system into the game.
- ❑ New maps will be added.
- ❑ New Weapons will be added.

Group Members

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