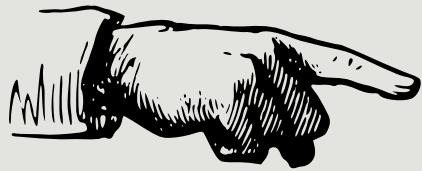


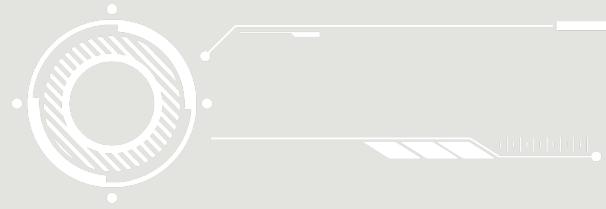
CYBER HUNT

Team mates

- Sahasra Reddy.M
- Charishma L
- Abhishek Sharma
- Aditya vatsa
- Chinni krishna kowsik. P



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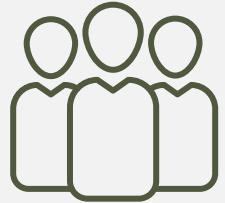


- about us
- Abstract
- Introduction
- Synopsis
- Game Overview
- Games
- ER and UML diagrams
- Game Description
- Why game as a project
- Target Audience
- Future Development
- experience
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Modules



```
from flask import Flask, render_template, url_for, flash, request, session, redirect
from flask_wtf import FlaskForm
from wtforms import StringField, SubmitField
from wtforms.validators import DataRequired
from flask_mysqldb import MySQL
import yaml
import MySQLdb.cursors
import re
import pymysql
from PIL import Image, ImageTk
```



About us

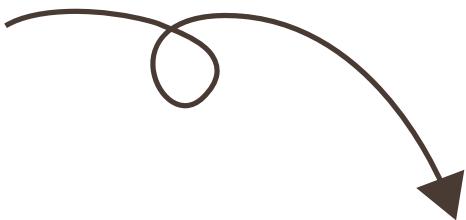
Cyberhunt Project in Python with the front end and MySQL as backend, we will learn the entire process step by step. We are going to play two games in this project one is finding out the flag and the other is a quiz. We all are aware of Social engineering.



ABSTRACT

- In the fast-growing field of cyber security and even more rapidly growing sector of game development the future is hard to predict.
- In a game project, the product is game but the main point is a game is much more than just its code. It has to provide content to become enjoyable and Knowledgeable.
- Just like a web server, without content the server is useless and the quality cannot be measured.





INTRODUCTION

This report describes the process involved in making this cyber hunt game. This game is for both PC and Android devices.



This chapter discusses the game overview including the synopsis, target audience, description then focuses on the game design.

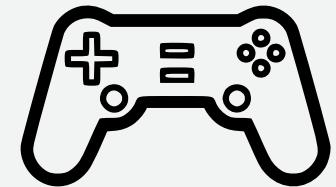
Synopsis

Cyber hunt game dreams to teach everyone about cyber security in a fun and interactive way.



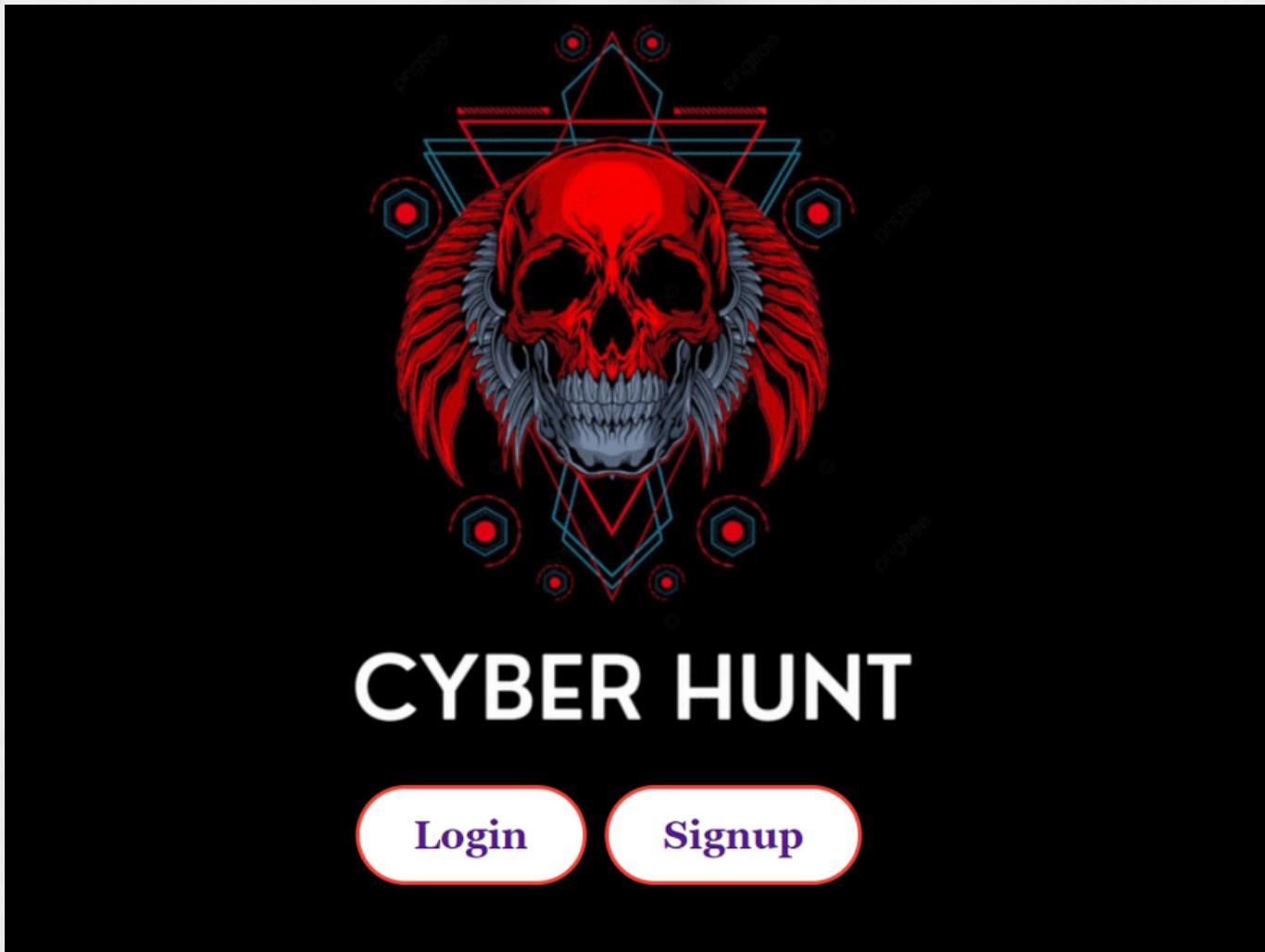
“

GAME OVERVIEW



The primary objective of this game is to gain knowledge about cyber security by getting the flag, the player can only achieve that if he clears the challenge that he has been assigned. Throughout the game, there are various challenges, obstacles, and quizzes. Each area of the game has a different set of challenges, the player can only go further if he clears the current challenge.

Entry page



SignUp page



Sign Up

Name

Number

Email

Password

[Already have an account?](#)



Level - 1

Shoulder surfing

Game Description

- This game is a single player game. The game is inhabited by various challenges and quiz that player have to solve to win.
- If the player successfully completes the challenge, then the player gains experience points and if the experience points are max as the current level, then the player gets promoted and the process goes on until he has max points.

Main Page

CYBER HUNT

USERS VIEW EDIT CHANGE PASSWORD SIGN OUT CONTACT US **HUNT**

CYBER HUNT

Hey Buddies !! trying to know more about social engineering ?

Here you go ... dig deep into the world of [cyber security](#)

START HUNT



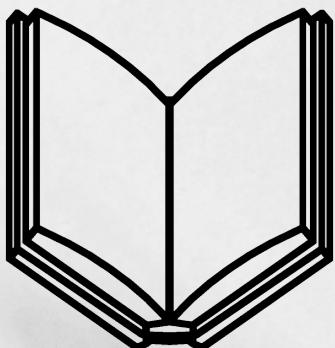
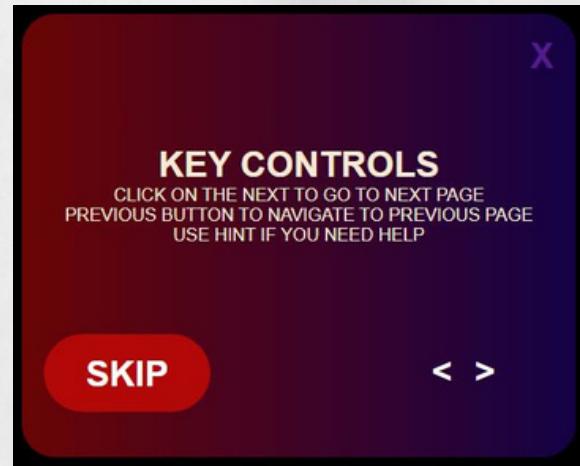
HOW TO PLAY

Before hoping in go through the instructions and learn about [key controls](#) of the game

HOW TO PLAY



Instructions



Lobby



A 3D rendering of a character with short, light-colored hair, wearing a light green t-shirt. The character is standing in a dark, reflective environment that looks like water or a polished floor. They are holding a dark smartphone in their right hand, looking at it. The background is dark with some small, white reflections.

TASK

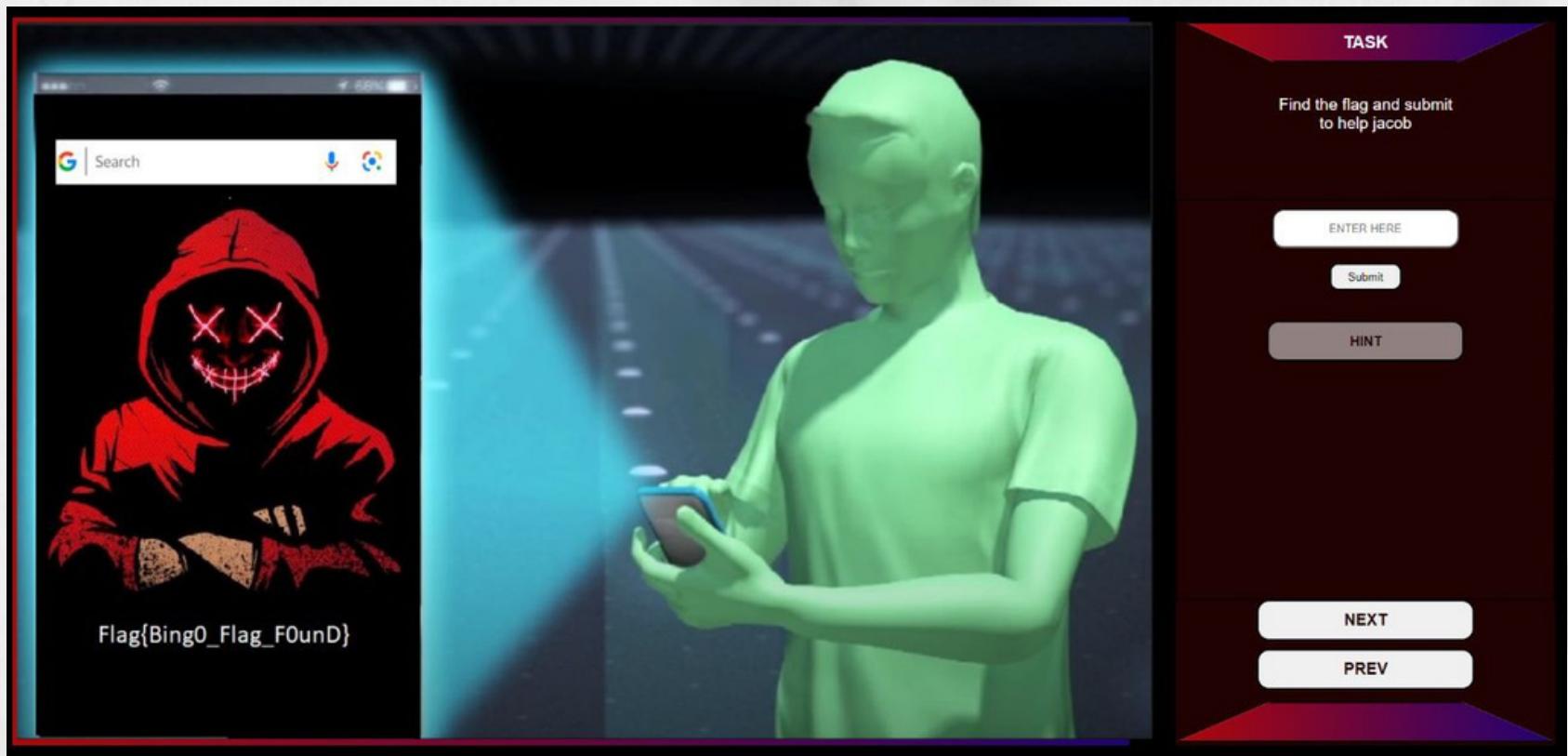
This is bob who changed the password
of jacob unethically and stored it
in his phone

HINT

NEXT

PREV

Flag Page





Level - 2

Quiz

Questions

Performing Shoulder Surfing in order to check other's passwords is a ethical practice

- Bad
- Good
- Very Good
- Not so good

submit

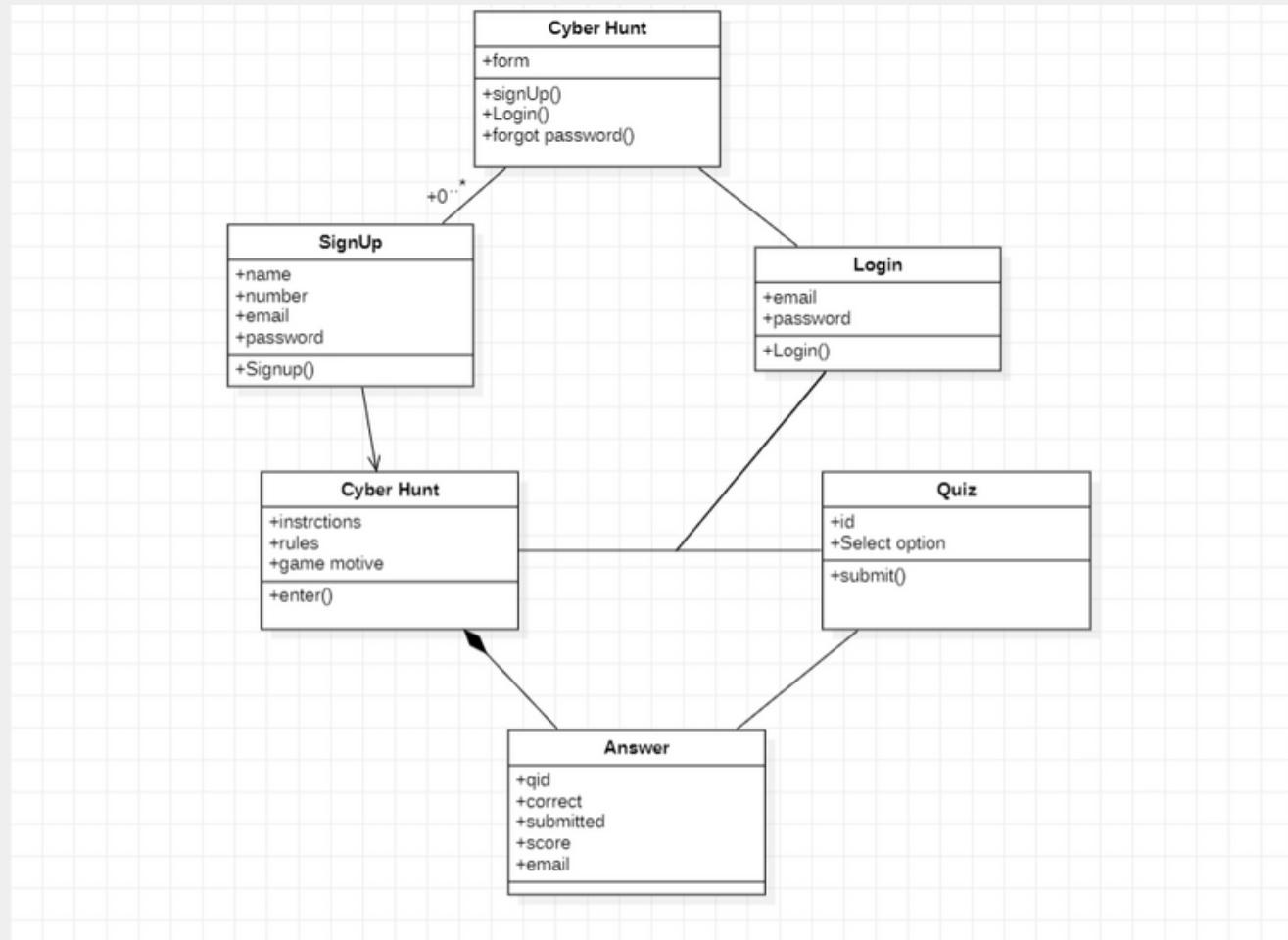
Definition: Social Engineering is an art of manipulating people so they give up confidential information

True

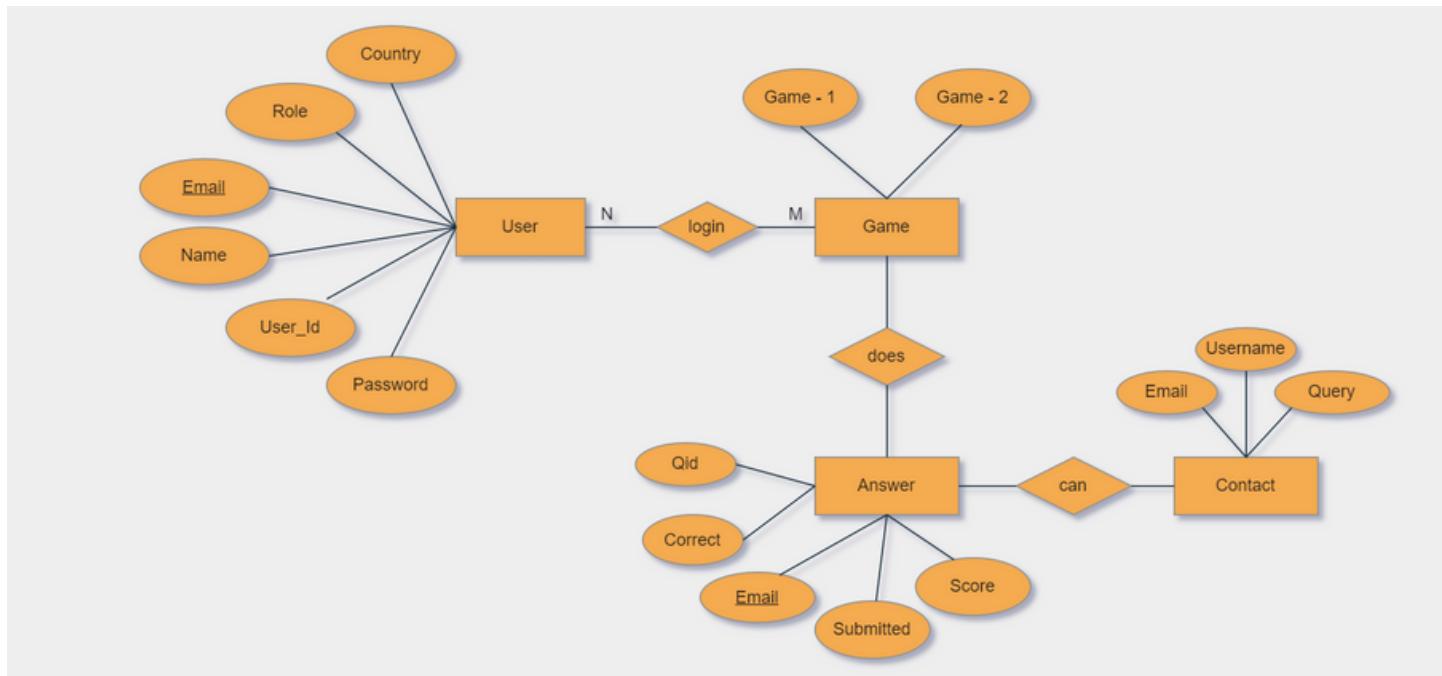
False

submit

Class Diagram



ER Diagram





Why game as a project

- Games are not just any computer application which are made to benefit user's daily life but also game are made for user's entertainment purpose, so more than anything we need to pay attention to what the user wants from the game.
- The Script are like pieces of puzzle which need to put all of them together to make it work.
- Thus we think game is a perfect project to improve ourselves as CYS students.

Target Audience

- Hunting Game is extremely popular especially in mobile device and pc. The Hunt game called Soul hunt has over 1000000+ installs on google play.
- This shows that a large base of players are actively interested in this genre and gives me a good opportunity to tap into that market by following the traditions that have already set for this genre. But we are mainly targeting to casual people aged from 10-35.
- In this game we have 4 challenges for the player to play and besides the challenges we have 2 quizzes also.

Future Development

- In future we are planning to add more challenges and making game worldwide so that everyone can learn about cyber security and ethical hacking.
- Also, we are optimizing it so that it will work in every device or system.





Experience

- It's a very wonderful journey with the project. We learned lot many things while dealing with this project, we faced every problem as a new challenge and sort out them with curiosity and patience.
- Capstone projects were generally developed to encourage students' abilities of critical thinking, problem-solving, oral communication skills, research skills, and teamwork.

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Thank You