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## Overview

This is a game where you go around campus trying to help search for the school’s mascot napoleon, while promoting sustainability using mini-games and at the same time using QR code location services to verify the location of recycling bins to help with students to locate their way around campus and promote the scenery around campus so that they are more motivated to help with the sustainability of the university.

This document acts as a guide for all three types of users on how to interact with the app. First goes through instructions for players, then for gamekeepers/admins and developers.

## Player / Users

### Getting Started

* Go to: [<http://www.napoleonsadventure.com>]
* Or you could scan the QR code below to join the website

A qr code on a screen

AI-generated content may be incorrect.

* Create an account
  + Using your name, email and make a password
  + You are now able to log in
* If you have created an account, log in
* If you have forgotten your password, locate the forgot password and press on the forgot password
  + You will be sent a code to your email address, make sure you enter the code and reset your password
* View the map to see challenge locations

### How to Play

* Visit sustainability locations, and click on the buildings on the map
* Scan QR codes or allow GPS access
* Complete tasks to earn points
* Then you will be able to move onto the next location
* Finish all of the tasks / locations to win
* Track your progress /points on the leaderboard
* QR codes are as follows:
  + A qr code on a screen

    AI-generated content may be incorrect.A qr code on a screen

    AI-generated content may be incorrect.A qr code on a white background

    AI-generated content may be incorrect.
  + A qr code on a screen

    AI-generated content may be incorrect.A qr code on a screen

    AI-generated content may be incorrect.A qr code on a white background

    AI-generated content may be incorrect.

## Gamekeeper/Administrator

### Creating an Admin Account

* To create an admin account follow the steps below:
* Install and run the project as directed in this [README.md](https://github.com/youhanaR/GroupSoftDevProject/blob/main/technical_documents/README.md)
* Before running the server, run the following command on terminal to create an admin account:

python manage.py createsuperuser

* Log in using staff/admin credentials
* You will be prompted to enter the following details:
  + Username: Choose a unique username for the admin account.
  + Email Address: Provide a valid email (optional but recommended).
  + Password: Type a strong password. You'll need to confirm it.
* To access the admin panel, start your Django server:

python manage.py runserver

* Open a web browser and go to : <http://127.0.0.1:8000/admin/>
* Enter the username and password you created earlier and login to access the Django dashboard.

### Admin Dashboard Features

* Access the dashboard to:
  + Add/edit minigames, their corresponding locations and access codes
  + Access minigames’ scores
  + Access and manage leaderboard
  + Access and manage users

## Developers

Refer to [README.md](https://github.com/youhanaR/GroupSoftDevProject/blob/main/technical_documents/README.md) file for installation, running and testing.

## Privacy & Security

* GDPR compliant
* Data stored securely
* Users can request data deletion