

# GROUP SOFTWARE - CHAIR DOOR MEETINGS

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**Weekly Meeting 19/02/24 1500-1515 SWIoT**

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🕒 *Wednesday, February 14, 2024 at 15:09:22*

# MEETING MINUTES

## Initial Meeting 07/02/24

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🕒 Friday, February 16, 2024 at 14:26:53

**Members (5):**  Finn A  George Piper  Jack Hales  James Sadler  Sam Arrows

Attendance: James, Jack, George, Sam, Finn

Duration: 1.5 hours

Meeting Content:

- create Kanban board on Trello
- brainstorm initial ideas for project
  - Ideas:
    - carpooling app with journeys around Exeter being less points than journeys home
    - trading app to reduce buying new things
    - strava integration
    - biodiversity photography competition app with polling to determine the winner
    - treasure hunt app around campus with quiz at the end based on the checkpoints; uses GPS to track that you visited a location
    - sustainability quizzes with levelling up to higher quizzes based on performances
    - daily quizzes; useful as if you don't hit a weekly points threshold, you get eliminated
  - First sprint potential goals:
    - create player and game keeper levels of login
    - establish the database and tables; to be done in MySQL
    - daily quiz
    - point system
    - game keeper is an interface to create tasks such as moving rubbish from one location to another, i.e. glass bottles. use an example in conference

Actions for Next Meeting:

- refine and develop the initial ideas
- aim to use the MoSCoW classification during the next meeting and assign first tasks on the Kanban board

Date of Next Meeting: 11/02/24

# Meeting 11/02/24

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🕒 Friday, February 16, 2024 at 14:27:28

**Members (5):**  Dan Harkness-Moore  Finn A  George Piper  Jack Hales  James Sadler

Attendance: James, Jack, George, Dan, Finn

Duration: 45 minutes

Meeting Content:

- create GitHub repo
- create goals for first sprint using MoSCoW
  - must have:
    - player and game keeper levels of login
    - database using MySQL
    - daily quiz
    - point system
      - monthly leaderboard with friends/people on course
      - prizes for top scores
    - treasure hunt around campus
      - tasks at different locations
      - QR codes to show you've been there and access tasks
        - quizzes
  - should have
    - carpooling to reduce car usage and emissions
    - trading app to reduce buying new things
  - could have
    - biodiversity photography competition app with polling to determine the winner
    - Strava integration to track walking/cycling etc
  - won't have
    - AR tasks at locations
    - users recording themselves putting rubbish in bins/recycling
    - AI to reduce the burden on game keepers
- add features to Kanban board

Actions for Next Meeting:

- ensure GitHub linked to Trello for each user for commit/issue tracking
- prepare for meeting with Solomon

Date of Next Meeting: 12/02/24, 14:45, SWIoT with Solomon

# Meeting 12/02/24

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🕒 Friday, February 16, 2024 at 14:34:45

**Members (6):**  Dan Harkness-Moore  Finn A  George Piper  Jack Hales  James Sadler

 Sam Arrows

Attendance: James, Jack, George, Dan, Finn, Sam, Solomon :)

Duration: 15 minutes

Meeting Content:

- discuss where we are with the project
  - planning complete
  - commencing development

# Meeting 16/02/24

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🕒 Saturday, February 17, 2024 at 16:19:01

**Members (6):**  Dan Harkness-Moore  Finn A  George Piper  Jack Hales  James Sadler

 Sam Arrows

Attendance: James, Jack, George, Dan, Finn, Sam

Duration: 2 hours

Meeting Content:

- develop specifications for first programming tasks
- implement basic pages and database
- assign tasks for the weekend to:
  - implement player and game keeper logins
  - develop basic webpage layout
  - create database tables
    - note a change to SQLite for sprint 1 and to PostgreSQL for sprint 2 - more details below

“Changed to SQLite for sprint 1 as is easier to implement and use than setting up a server. Will use PostgreSQL instead of MySQL as it is recommended over MySQL for integration with Django projects. Reasoning for using different management systems to SQLite is due to limitations in having concurrent connections in SQLite which could impair app performance, i.e. multiple game keepers won’t be able to upload quizzes, treasure hunts, activities simultaneously due to only one connection being able to be open in SQLite - not a problem for PostgreSQL or MySQL.”

# POLICIES AND RESOURCES

<https://github.com/sadlerjames/Group-Software-Project>

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🕒 *Wednesday, February 14, 2024 at 15:10:15*

# BACKLOG

## Map with pins where qr codes are

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Treasure Hunt

🕒 Friday, February 16, 2024 at 14:53:51

## QR Code Setup

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Treasure Hunt

🕒 Friday, February 16, 2024 at 14:39:22

## Gamemakers able to add locations to treasure hunt

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Treasure Hunt

🕒 Friday, February 16, 2024 at 14:37:35

## Link of qr code to a quiz/game

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Treasure Hunt

🕒 Friday, February 16, 2024 at 14:37:46

## Point system

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Must have

Application code

🕒 Friday, February 16, 2024 at 15:29:40

# SPECIFICATION DOING (4)

## Daily Quiz

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Must have

Application code

🕒 Friday, February 16, 2024 at 14:54:02

## Design Dashboard Page

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Must have

Application code

🕒 Friday, February 16, 2024 at 15:30:22

# SPECIFICATION DONE (4)

## Treasure hunt around campus

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Must have

Application code

🕒 Friday, February 16, 2024 at 14:54:13

- Map with pins where qr codes are
- Table of qr codes and their location
- Link of qr code to a quiz/game
- Gamemakers able to add locations to treasure hunt


## Game Keeper Login

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Application code

Must have

🕒 Friday, February 16, 2024 at 15:55:27

Members (2):  Finn A  Jack Hales

Add user group to define game keeper permissions.

### Attachments (1):

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- User groups for player and gamekeeper added to database: <https://github.com/sadlerjames/Group-Software-Project/commit/7ac240116315c9d09613a0411be6eddef7be6ffd>  
(<https://github.com/sadlerjames/Group-Software-Project/commit/7ac240116315c9d09613a0411be6eddef7be6ffd>)



# IMPLEMENTATION DOING (4)

## Create initial web pages

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Must have

Application code

🕒 Friday, February 16, 2024 at 15:31:42

- Homepage
- Login (reset password)
- Register
- Dashboard
- Profile
- Daily Activity
- Treasure Hunt



## Setup Initial Database Tables

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Database

Must have

🕒 Friday, February 16, 2024 at 15:57:19

**Members (2):**  Dan Harkness-Moore  James Sadler

Create the structure of the initial tables in database

Create database using PostgreSQL

# Player Login

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- Must have
- Application code

🕒 Sunday, February 18, 2024 at 13:00:41

Members (3):  Finn A  Jack Hales  Sam Arrows

Add user group to define player permissions.  
Permission list:

- access main pages for treasure hunt, daily quiz, etc
- change username and password

## Attachments (2):

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- User groups for player and gamekeeper added to database: <https://github.com/sadlerjames/Group-Software-Project/commit/7ac240116315c9d09613a0411be6eddef7be6ffd> (<https://github.com/sadlerjames/Group-Software-Project/commit/7ac240116315c9d09613a0411be6eddef7be6ffd>)
- Added basic user creation/login/password reset: <https://github.com/sadlerjames/Group-Software-Project/commit/cbda71a350b48ee22e337b0de6936c41367e2416> (<https://github.com/sadlerjames/Group-Software-Project/commit/cbda71a350b48ee22e337b0de6936c41367e2416>)

# IMPLEMENTATION DONE (4)

## Creating base pages with navbar

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Must have

Application code

🕒 Monday, February 19, 2024 at 14:23:48

Members (2):  George Piper  Sam Arrows

## Ensure navbar is fully functional for loading user's profile page and returning to the dashboard

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Must have

Application code

🕒 Monday, February 19, 2024 at 14:23:55

Members (1):  Sam Arrows

## Added some basic bootstrap for login pages

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Application code

Must have

🕒 Monday, February 19, 2024 at 14:23:59

Members (1):  Sam Arrows

## VALIDATION DOING (4)

# VALIDATION DONE

## Initial commit of empty Django project

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Application code

Must have

🕒 Friday, February 16, 2024 at 14:54:50

Members (1):  Sam Arrows

### Attachments (1):

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- Empty project commit with MySQL settings: <https://github.com/sadlerjames/Group-Software-Project/commit/2657c56153576295ab8f62bc665e72aeac3c59bb> (<https://github.com/sadlerjames/Group-Software-Project/commit/2657c56153576295ab8f62bc665e72aeac3c59bb>)

## Create backend admin dashboard

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Application code

Must have

🕒 Friday, February 16, 2024 at 14:55:03

Members (1):  Jack Hales

### Attachments (1):

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- Created admin page: <https://github.com/sadlerjames/Group-Software-Project/commit/08ae8c914be4f98987a35844a611b5293caa87bc> (<https://github.com/sadlerjames/Group-Software-Project/commit/08ae8c914be4f98987a35844a611b5293caa87bc>)

## Revert to using SQLite3 for development so it can be run locally

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Must have

Database

🕒 Friday, February 16, 2024 at 14:54:57

Members (1):  Jack Hales

MySQL server not setup, so using SQLite3 for development. Decision also made to use PostgreSQL rather than MySQL for production.

### Attachments (1):

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- Revert to SQLite3 for development: <https://github.com/sadlerjames/Group-Software-Project/commit/a8ac213a59ed9221fbc33e7afce2c73219430db7> (<https://github.com/sadlerjames/Group-Software-Project/commit/a8ac213a59ed9221fbc33e7afce2c73219430db7>)

# Added basic settings configuration for a MySQL database

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Database

Must have

🕒 Friday, February 16, 2024 at 14:55:02

**Members (1):**



Sam Arrows

Added settings for a locally stored MySQL server for a file called mydb

Need to make a database which we can all edit and access, whether stored on a public server or kept in repo - databases aren't my strength so need some help on it

## Attachments (1):

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- Empty project commit with MySQL settings: <https://github.com/sadlerjames/Group-Software-Project/commit/2657c56153576295ab8f62bc665e72aeac3c59bb> (<https://github.com/sadlerjames/Group-Software-Project/commit/2657c56153576295ab8f62bc665e72aeac3c59bb>)