

# GROUP SOFTWARE - CHAIR DOOR

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## MEETINGS

# 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

# Timetabled Meeting 12/02/24

🕒 Wednesday, February 28, 2024 at 15:11:18

**Members (7):**  Dan Harkness-Moore  Finn A  George Piper  Jack Hales  James Sadler

 Sam Arrows  Solomon Oyelere

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

🕒 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.”

# Timetabled Meeting 19/02/24

🕒 Wednesday, February 28, 2024 at 15:11:46

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

 Sam Arrows

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

Duration: 30 minutes


Meeting Content:

- we discussed between ourselves recent progress

## Meeting 22/02/24

🕒 Thursday, February 22, 2024 at 11:38:31

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

 Sam Arrows

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

Duration: 1 hour

Meeting Content:

- continue development for database which is the main focus as it allows the frontend to be implemented
- set goals to finish database design by end of the weekend

Date of Next Meeting: Saturday 24th February

## Meeting 24/02/24

🕒 Saturday, February 24, 2024 at 17:16:15

**Members (4):**  Dan Harkness-Moore  George Piper  Jack Hales  James Sadler

Attendance: James, George, Jack, Dan

Duration: 2.5 hours








Meeting Content:

- Restructured the project to utilise multiple different apps

Date of Next Meeting: Monday 26th February

# Timetabled Meeting 26/02/2024

🕒 Wednesday, February 28, 2024 at 15:11:53

**Members (7):**  Dan Harkness-Moore  Finn A  George Piper  Jack Hales  James Sadler  
 Sam Arrows  Solomon Oyelere

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

Duration: 30 minutes







Meeting Content:

- Weekly meeting with Solomon
- Received clarifications about what needs to be submitted and about the first presentation
- Assigned final tasks to be done before Thursday submission

Date of Next Meeting: Wednesday 28th February

# Meeting 28/02/24

🕒 Wednesday, February 28, 2024 at 14:20:41

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

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

Duration: 2 hours

Meeting Content:

- Merged in latest changes
- Prepared documents and source code for sprint 1 submission

# 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

## Gamemakers able to add locations to treasure hunt

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Treasure Hunt

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



# SPECIFICATION DOING (4)

## Daily Quiz

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Must have

Application code

🕒 Wednesday, February 28, 2024 at 21:39:07

Members (2):  George Piper  James Sadler

<https://prod.liveshare.vsengsaas.visualstudio.com/join?957FD271D70E13EF67CA26D063F5D1C162D7>  
(<https://prod.liveshare.vsengsaas.visualstudio.com/join?957FD271D70E13EF67CA26D063F5D1C162D7>)

Co-authored-by: gp508 <gp508@users.noreply.github.com>

## SPECIFICATION DONE (4)

# IMPLEMENTATION DOING (4)

## Treasure hunt around campus

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- Must have
- Application code
- Treasure Hunt

🕒 *Wednesday, February 28, 2024 at 15:05:22*

- 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

# IMPLEMENTATION DONE (4)

## VALIDATION DOING (4)

# VALIDATION DONE

## QR Codes

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Must have

Treasure Hunt

Application code

🕒 Wednesday, February 28, 2024 at 15:05:11

**Members (1):**  Dan Harkness-Moore

Need to read into the qr code libraries and how to generate them based on GPS location

### Attachments (1):

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- Added link to quiz site and qr reading and interpreting: <https://github.com/sadlerjames/Group-Software-Project/commit/e8865f1228356ca3fcf845a0d0861560568d49f1> (<https://github.com/sadlerjames/Group-Software-Project/commit/e8865f1228356ca3fcf845a0d0861560568d49f1>)


## Added quiz python library

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Must have

Application code

🕒 Wednesday, February 28, 2024 at 15:03:12

**Members (1):**  Finn A

Created a quiz library that allows us to create quiz objects and save them to .json files

### Attachments (1):

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- Added quiz library (to correct file path): <https://github.com/sadlerjames/Group-Software-Project/commit/99394efc4800184a94c550b5ac34a04aa2e6ca21> (<https://github.com/sadlerjames/Group-Software-Project/commit/99394efc4800184a94c550b5ac34a04aa2e6ca21>)

# Create initial web pages

Must have

Application code

🕒 Wednesday, February 28, 2024 at 15:05:19

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

 Sam Arrows

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

## Attachments (1):

- Updated folder structure + fixed signup error: <https://github.com/sadlerjames/Group-Software-Project/commit/cd03a64cb832dc9d75ce4f4007abd8dbb7a241c1> (<https://github.com/sadlerjames/Group-Software-Project/commit/cd03a64cb832dc9d75ce4f4007abd8dbb7a241c1>)

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

Must have

Application code

🕒 Wednesday, February 28, 2024 at 15:06:57

Members (1):  Sam Arrows

## Attachments (1):

- Implemented navbar for when logged in: <https://github.com/sadlerjames/Group-Software-Project/commit/8b07aabde940369d2075381490b32bc83f55cc5a> (<https://github.com/sadlerjames/Group-Software-Project/commit/8b07aabde940369d2075381490b32bc83f55cc5a>)

# Implement Dashboard Page

Must have

Application code

🕒 Wednesday, February 28, 2024 at 15:07:33


Members (2):  George Piper  James Sadler

## Attachments (1):

- Added base and navbar to accounts: <https://github.com/sadlerjames/Group-Software-Project/commit/f072c33e1126ee0eb0f82cee6909365b02cbd5f5> (<https://github.com/sadlerjames/Group-Software-Project/commit/f072c33e1126ee0eb0f82cee6909365b02cbd5f5>)

# Link back end and front end of quiz app

🕒 Wednesday, February 28, 2024 at 15:06:05

Members (1):  Finn A

Need to develop both back and and front end of quiz app further to finish linking them properly.  
Right now it just loads a fixed quiz and displays the question

## Attachments (4):

- Added quiz table, linked backend python to front end /quizzes page so a quiz can be loaded from the database: <https://github.com/sadlerjames/Group-Software-Project/commit/21a4a54b2634d9e74212b5e23e109ea9639015ba> (<https://github.com/sadlerjames/Group-Software-Project/commit/21a4a54b2634d9e74212b5e23e109ea9639015ba>)
- Fixed quiz.py bug so the correct aswer index works: <https://github.com/sadlerjames/Group-Software-Project/commit/c3ee2398ae5f50b2134d239e09132e9127f73b19> (<https://github.com/sadlerjames/Group-Software-Project/commit/c3ee2398ae5f50b2134d239e09132e9127f73b19>)
- Made quiz get inserted into database when a new quiz object is created: <https://github.com/sadlerjames/Group-Software-Project/commit/2be866cdc4c145ecdba944b25ba25cd05305cac6> (<https://github.com/sadlerjames/Group-Software-Project/commit/2be866cdc4c145ecdba944b25ba25cd05305cac6>)
- fixed invalid quiz json files: <https://github.com/sadlerjames/Group-Software-Project/commit/ba1b975969d6711ae7afdc362aef2873c183ff08> (<https://github.com/sadlerjames/Group-Software-Project/commit/ba1b975969d6711ae7afdc362aef2873c183ff08>)

# Game Keeper Login

Application code   Must have

🕒 Monday, February 26, 2024 at 21:31:53

Members (4):  Finn A    George Piper    Jack Hales    James Sadler

Add user group to define game keeper permissions.

## Attachments (3):

- 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>)
- Implemented game keeper login and dashboard: <https://github.com/sadlerjames/Group-Software-Project/commit/f0b3e070699d298a3fcea131a79cc13df08ee2a6> (<https://github.com/sadlerjames/Group-Software-Project/commit/f0b3e070699d298a3fcea131a79cc13df08ee2a6>)
- Fixed bug with game keeper: <https://github.com/sadlerjames/Group-Software-Project/commit/67783563ebf3053c50f3424071e63fa3df655121> (<https://github.com/sadlerjames/Group-Software-Project/commit/67783563ebf3053c50f3424071e63fa3df655121>)



## Creating base pages with navbar

Must have

Application code

🕒 Wednesday, February 28, 2024 at 15:16:16

**Members (3):**  George Piper  James Sadler  Sam Arrows

### Attachments (2):

- Basic CSS and functional navbar: <https://github.com/sadlerjames/Group-Software-Project/commit/3244900ef0ee8cb4e24afd96fa042b90a64b3583> (<https://github.com/sadlerjames/Group-Software-Project/commit/3244900ef0ee8cb4e24afd96fa042b90a64b3583>)
- Added base and navbar to accounts: <https://github.com/sadlerjames/Group-Software-Project/commit/f072c33e1126ee0eb0f82cee6909365b02cbd5f5> (<https://github.com/sadlerjames/Group-Software-Project/commit/f072c33e1126ee0eb0f82cee6909365b02cbd5f5>)

## Setup Initial Database Tables

Database

Must have

🕒 Wednesday, February 28, 2024 at 15:05:03

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

Create the structure of the initial tables in database

Create database using PostgreSQL

### Attachments (1):

- MySQL database: <https://github.com/sadlerjames/Group-Software-Project/commit/86dfaad558301dbbde8b55c0ff6d8f98d08a98e3> (<https://github.com/sadlerjames/Group-Software-Project/commit/86dfaad558301dbbde8b55c0ff6d8f98d08a98e3>)

## Initial commit of empty Django project

Application code

Must have

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

**Members (1):**  Sam Arrows

### Attachments (1):

- 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

Application code

Must have

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

Members (1):  Jack Hales

## Attachments (1):

- 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

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):

- 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

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):

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

# Player Login

Must have

Application code

🕒 Wednesday, February 28, 2024 at 15:08:41

Members (3): GP George Piper JH Jack Hales JS James Sadler

Add user group to define player permissions.

Permission list:

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

## Attachments (3):

- 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>)
- Added question of the day page: <https://github.com/sadlerjames/Group-Software-Project/commit/fc4c47ae38513ffd14000db153d9cb8add4f14ad> (<https://github.com/sadlerjames/Group-Software-Project/commit/fc4c47ae38513ffd14000db153d9cb8add4f14ad>)

# URL Protection for Restricted pages

Must have

Application code

🕒 Wednesday, February 28, 2024 at 15:04:21

Members (2): GP George Piper JS James Sadler

## Attachments (1):

- Fixed login, signup bug + added pretection to urls: <https://github.com/sadlerjames/Group-Software-Project/commit/7541e9068f10d22eb5cd07cbe79807dcbcdf4340> (<https://github.com/sadlerjames/Group-Software-Project/commit/7541e9068f10d22eb5cd07cbe79807dcbcdf4340>)

# Points and leaderboard system

Must have

Application code

🕒 Wednesday, February 28, 2024 at 15:03:23

Members (1):  Jack Hales

## Attachments (3):

- Finished leaderboard functionality: <https://github.com/sadlerjames/Group-Software-Project/commit/8288c916ff0840f37b6392556f6874306ba421b8> (<https://github.com/sadlerjames/Group-Software-Project/commit/8288c916ff0840f37b6392556f6874306ba421b8>)
- Created leaderboard page and points model: <https://github.com/sadlerjames/Group-Software-Project/commit/2a828a95cad776d98fbe552ff87ded5a950b12f9> (<https://github.com/sadlerjames/Group-Software-Project/commit/2a828a95cad776d98fbe552ff87ded5a950b12f9>)
- Fixed getName in quiz.py and added dummy quizzes for leaderboard testing: <https://github.com/sadlerjames/Group-Software-Project/commit/a6208fdf1007c5c43e3d5604630f47972d6715b9> (<https://github.com/sadlerjames/Group-Software-Project/commit/a6208fdf1007c5c43e3d5604630f47972d6715b9>)

# Link of qr code to a quiz/game

Treasure Hunt

Must have

Application code

🕒 Wednesday, February 28, 2024 at 15:08:15

Members (1):  Dan Harkness-Moore

## QR Code Setup

Treasure Hunt

Must have

🕒 Wednesday, February 28, 2024 at 15:08:34

Members (1):  Dan Harkness-Moore

# Gamekeepers creating quizzes

🕒 Wednesday, February 28, 2024 at 22:43:39

Members (2):  George Piper  James Sadler

## Attachments (1):

- Added ability for gamekeeper to add quizzes: <https://github.com/sadlerjames/Group-Software-Project/commit/5eea5987fc6a2a05a1af2cbc47424babd7aacff7> (<https://github.com/sadlerjames/Group-Software-Project/commit/5eea5987fc6a2a05a1af2cbc47424babd7aacff7>)