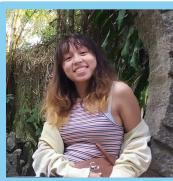


WHAT DOES IT DO?



Link: [CloudU](https://www.cloudu.com)

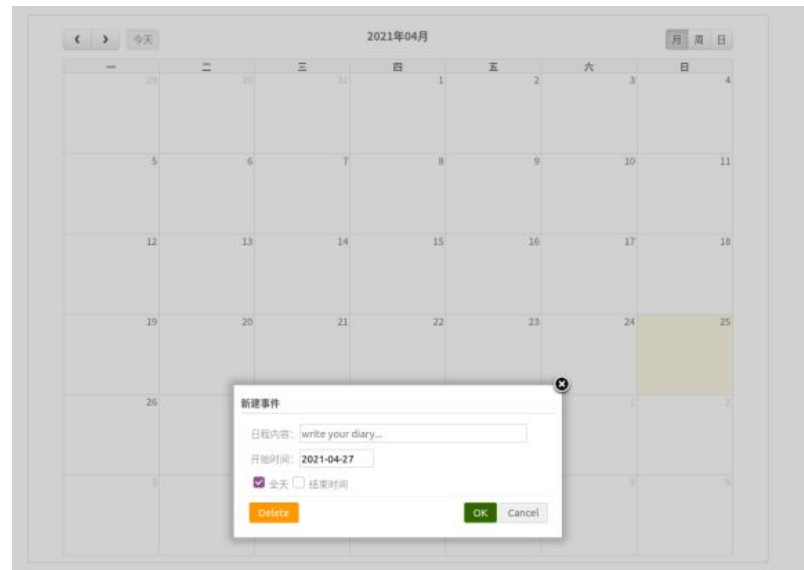
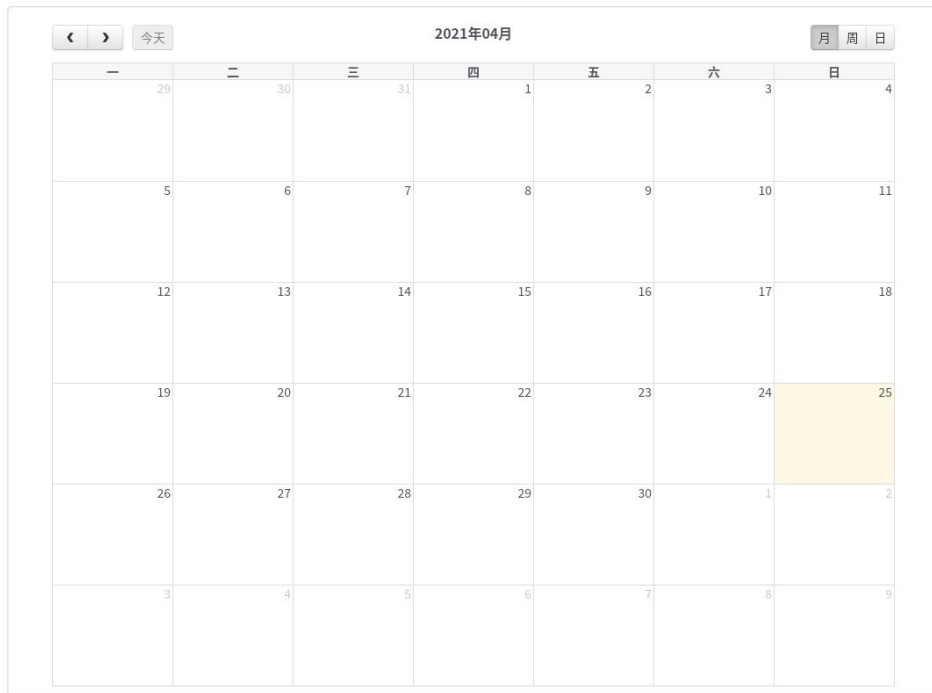
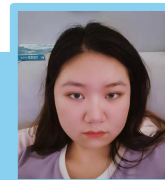
HOW DOES IT WORK? (LIVE SHOWCASE)



We'll explain how it works, how we've built it during our project showcase, exploring what tools we used and what important decisions all in this showcase



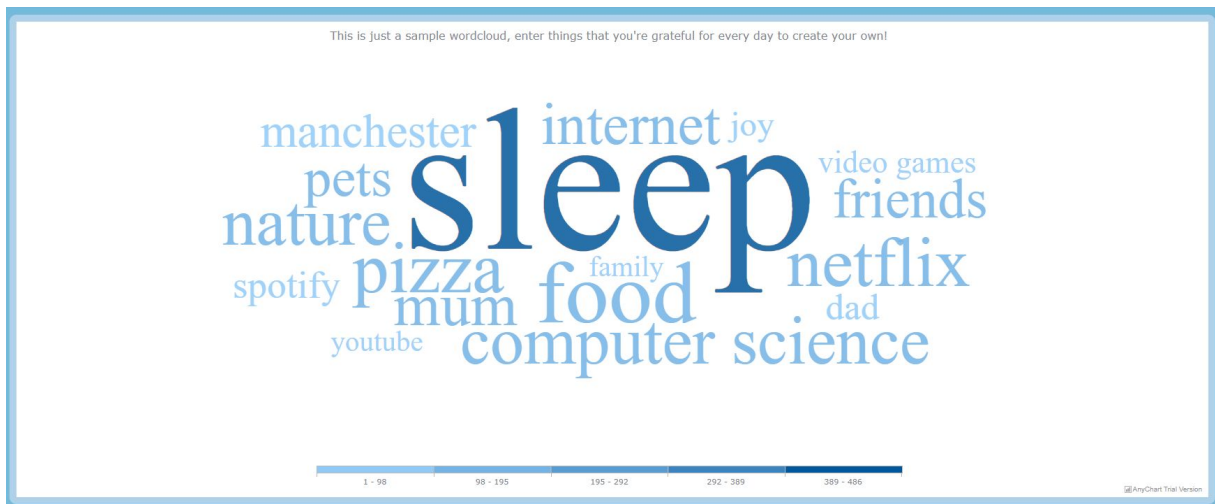
CALENDAR PROTOTYPE (REMOVED)



SAMPLE WORDCLOUD (LIVE SHOWCASE)



There is a sample wordcloud that shows up for new users with no inputs.



WORD FILTERING ALGORITHM (REMOVED)



- Collects and filters nouns/noun phrases from a sentence input

```
// retrieve words that are singular nouns or plural nouns  
for (i in taggedWords) {  
    var taggedWord = taggedWords[i];  
    if (taggedWord[1] == "NN" || taggedWord[1] == "NNS"){  
        filteredWords.push(taggedWord[0])  
    }  
}
```

ADD/REMOVE CUSTOM WORDS (REMOVED)



Add/Remove Words

Top Things that you're grateful for!



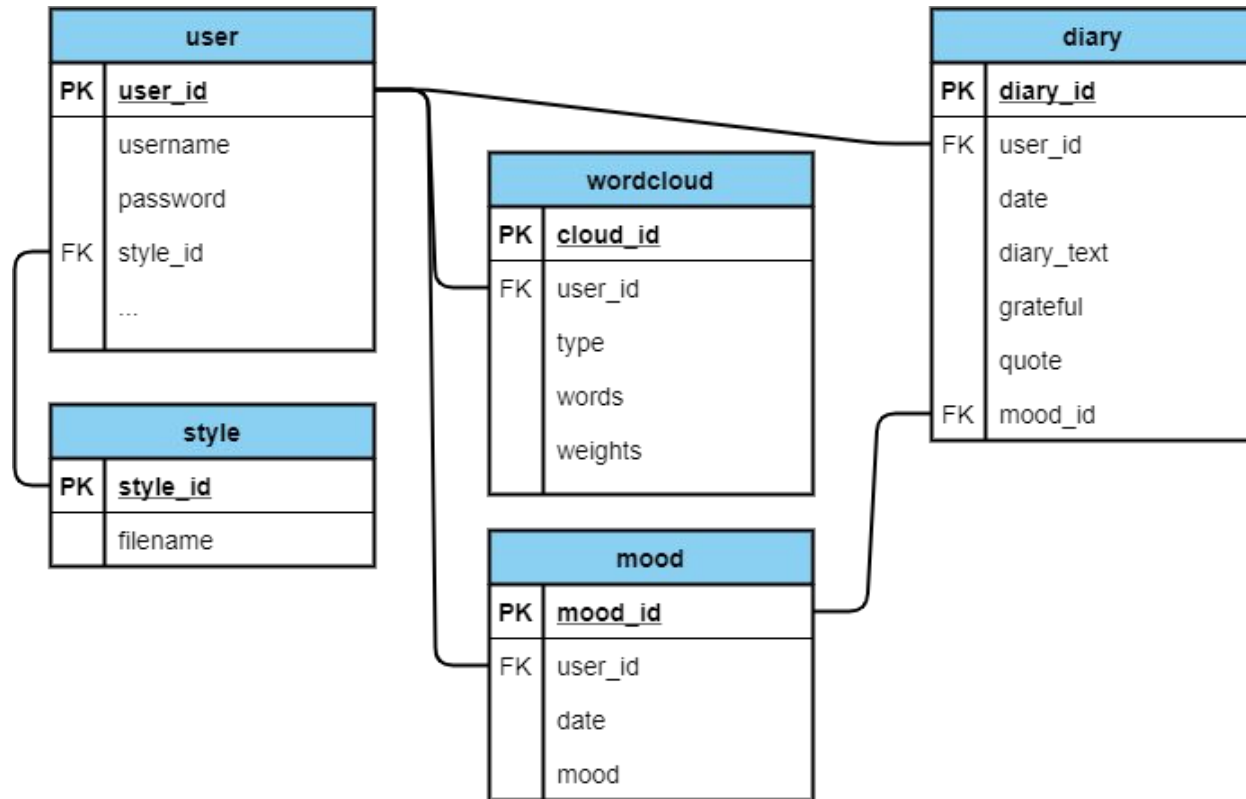
Back

Save

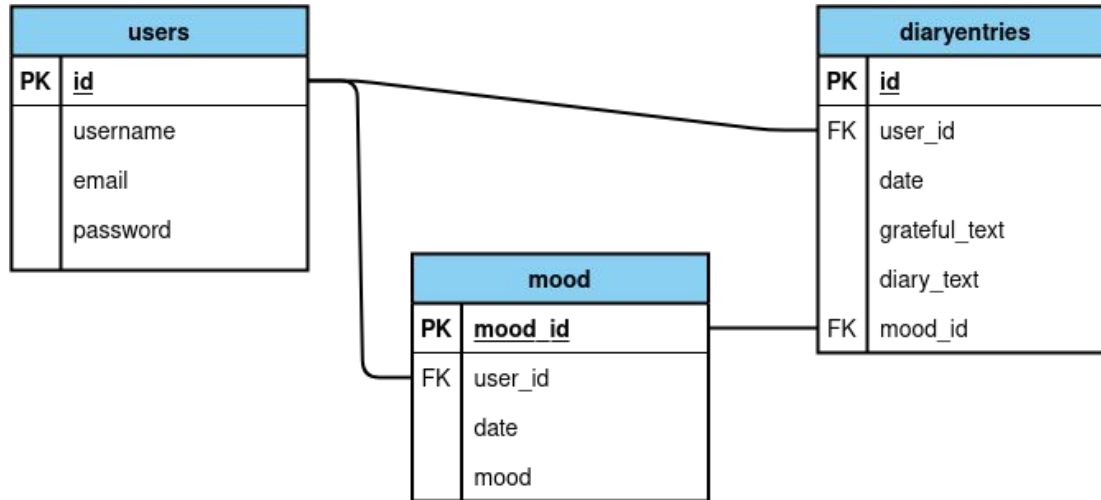
being alive

today, are, moments

STRUCTURE OF DATABASE



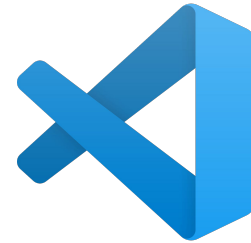
STRUCTURE OF DATABASE



TOOLS AND TECHNIQUES (IN GENERAL)



- GitLab - 1-2 people worked on a branch whilst developing main features. Merged together once complete.
- Discord - group calls whilst working, sending messages/ files, screen sharing.
- Text Editors - personal preference.
- MySQL - for the database.
- Local Testing - using apache, and personal databases.



VS code



Sublime text



HOW DID WE WORK AS A TEAM TO MAKE THE PROJECT?



- Weekly meetings + Live discussions
- Discord Server (instead of Zoom, Skype etc)
- Project log
- Voting on tasks
- Gitlab branches



USING DISCORD AS MAIN COMMUNICATIONS



A screenshot of a Discord server interface. The server name is 'X6' and the channel is '# project-logs'. The chat log shows several messages from users: Tony Lay (04/03/2021) reporting progress on database information retrieval and listing tasks like adding custom words and polishing the filtering algorithm; Bader Alhamiri (04/03/2021) reporting completion of the help page and listing tasks like uploading to git; Ji Jingyu (04/03/2021) reporting completion of the mood slider view and listing tasks like combining with the diary page; Germaine George (10/03/2021) reporting completion of registration work and listing tasks like salted hashes and SQL injections; Samuelson Morrison (11/03/2021) reporting completion of Mood Tracker functions and listing tasks like color changing background and merging sections; and Ji Jingyu (24/03/2021) reporting completion of HTML diary pages. The interface includes a left sidebar with server channels, a top search bar, and a right sidebar with member and bot lists.

USING GITLAB AS INITIAL COMMUNICATIONS (DROPPED)



The screenshot displays the GitLab Issue Boards interface for a project named "first_group_project". The top navigation bar includes "GitLab", "Projects", "Groups", "Activity", "Milestones", and "Snippets". A search bar is present with the text "Search or jump to...".

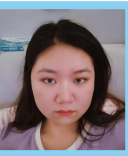
The main content area is titled "Samuel Morris > first_group_project > Issue Boards" and features a search filter "Search or filter results...". There are two buttons: "Add list" and "Add issues".

The interface is divided into four columns, each representing an issue board:

- Word Cloud** (2 issues):
 - Connecting the word cloud to the database (Word Cloud, #18)
 - Producing a basic layout for the word cloud webpage (Word Cloud, #13)
- Diary and Calendar** (6 issues):
 - Inputs (Diary and Calendar, #19)
 - Slider (Diary and Calendar, #20)
 - Database connection (Diary and Calendar, #21)
 - Calendar API? Library? (Diary and Calendar, #22)
 - Calendar link to the diary (Diary and Calendar, #23)
 - Calendar colours (Diary and Calendar, #24)
- Mood Tracker** (1 issue):
 - Database connection (Mood Tracker, #17)
- Needs be done** (5 issues):
 - diary styling (Needs be done, #29)
 - calendar (Needs be done, #28)
 - resources (Needs be done, #27)
 - profile (Needs be done, #26)
 - Help (Needs be done, #25)

The left sidebar contains navigation options: Project, Repository, Issues (22), List, Board, Labels, Milestones, Merge Requests (0), Wiki, Snippets, and Settings. A "Collapse sidebar" button is at the bottom left.

ETHICS & LEGALITIES



- Terms and Conditions
- Provided links to professional mental health resources.
- Used salted hashes on passwords
- Database access restricted to team members
- Protection from SQL injections for all text inputs
- Any API's or libraries used were researched and credited

■ By creating an account you agree to our [Terms & Conditions](#).

General Terms

This project is by students of the University of Manchester for the course COMP10120 for the academic year of 2020/21. As such, we hold no liability for any issues that arise from this web application.

It should be noted that any serious problems with mental health should not be self-treated or self-diagnosed. If you are finding it hard to deal with them, please look for professional advice. This website is not meant to serve as substitute.

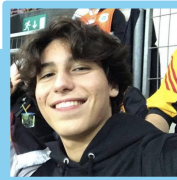
Data & Privacy

We will not be sharing any of your personal information with outside sources.

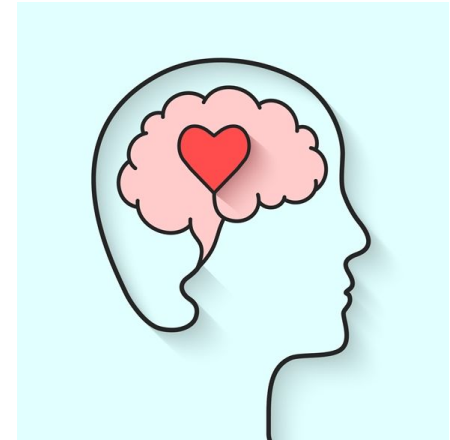
Cookies

This website uses cookies but not for the purpose of storing personal information.

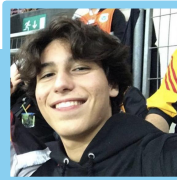
EXTERNAL RESOURCES



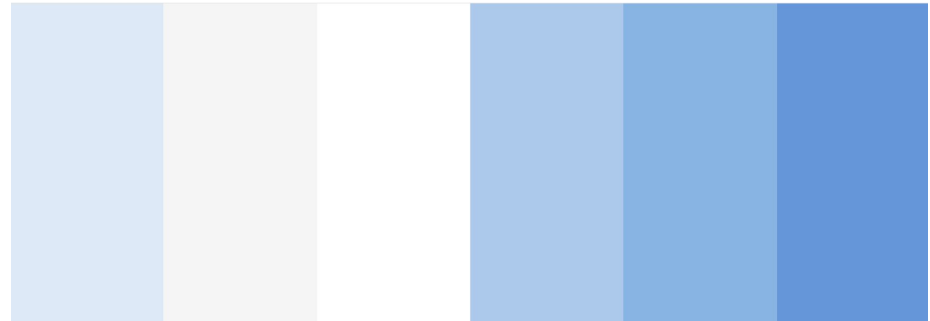
- None of us have a professional background in psychology.
- Can not provide in-depth help.
- Further help requires correct and reliable resources.
- External websites researched extensively.
- A government funded health service or a professional community



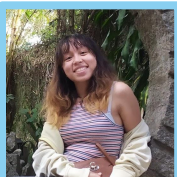
DESIGN



- Blue, baby blue and white
- Colors associated with mood
- Extreme attention to detail
- Font: Quicksand
- Pleasing and calming



WHAT WOULD WE DO DIFFERENTLY? (TECHNICAL)



- Look into a different backend instead of PHP (Node.js)
- Use a bootstrap
 - to provide a better looking UI
 - a lot faster as well
- Make better use of GitLab's 'issues' section, to divide and show tasks.
- Deadlines and reminders



WHAT WOULD WE DO DIFFERENTLY?



- Fixed meeting days and time.
- Different time zones caused us a few setbacks.
- We store the user's email but make no use of it which breaks General Data Protection Regulation (GDPR)
 - intended to validate the email
 - allow the user to reset their password if they forgot it
- Explain the use of each part of the users' data

THAT CONCLUDES
OUR TALK!