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APPENDIX

Testing screenshots

Test 1-10

```
don't be sad bot, reporting to duty. hello don't be sad bot@3220
$unitTesting
<class 'str'>
test 1 passed
test 2 passed
test 5 passed
test 6 fails
Test 7 passed
test 9 passed
test 8 passed
```

test 3 passed

Ignoring exception in on_message

Traceback (most recent call last):

```
  File "/opt/virtualenvs/python3/lib/python3.8/site-packages/discord/client.py", line 343, in _run_event
    await coro(*args, **kwargs)
  File "main.py", line 85, in on_message
    serverId = msg.guild.id
AttributeError: 'NoneType' object has no attribute 'id'
```

test 4 passed

Error explanation in unitTesting.py

Testing Screenshots

Test 11-13(databases)

Test 11

Data found, test passed



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Name	Type	Schema
Tables (19)		
> id160105994217586689		CREATE TABLE id160105994217586689 (msgNumber integer, msgEmotion text, msgStr
> id237185711504097280		CREATE TABLE id237185711504097280 (msgNumber integer, msgEmotion text, msgStr
> id247283454440374274		CREATE TABLE id247283454440374274 (msgNumber integer, msgEmotion text, msgStr
> id295439695909879809		CREATE TABLE id295439695909879809 (msgNumber integer, msgEmotion text, msgStr
> id305188118666018817		CREATE TABLE id305188118666018817 (msgNumber integer, msgEmotion text, msgStr
> id310872670298439680		CREATE TABLE id310872670298439680 (msgNumber integer, msgEmotion text, msgStr
> id340495377017077761		CREATE TABLE id340495377017077761 (msgNumber integer, msgEmotion text, msgStr
> id347211683510353920		CREATE TABLE id347211683510353920 (msgNumber integer, msgEmotion text, msgStr
> id401371772118630400		CREATE TABLE id401371772118630400 (msgNumber integer, msgEmotion text, msgStr
> id401371902213488651		CREATE TABLE id401371902213488651 (msgNumber integer, msgEmotion text, msgStr
> id403186597673304065		CREATE TABLE id403186597673304065 (msgNumber integer, msgEmotion text, msgStr
> id432610292342587392		CREATE TABLE id432610292342587392 (msgNumber integer, msgEmotion text, msgStr
> id433279630762442753		CREATE TABLE id433279630762442753 (msgNumber integer, msgEmotion text, msgStr
> id488375454881808384		CREATE TABLE id488375454881808384 (msgNumber integer, msgEmotion text, msgStr
> id693205371652800545		CREATE TABLE id693205371652800545 (msgNumber integer, msgEmotion text, msgStr
> id764446149960269854		CREATE TABLE id764446149960269854 (msgNumber integer, msgEmotion text, msgStr
> id777410951019888660		CREATE TABLE id777410951019888660 (msgNumber integer, msgEmotion text, msgStr
> id817972348262809630		CREATE TABLE id817972348262809630 (msgNumber integer, msgEmotion text, msgStr
> id850303830229909514		CREATE TABLE id850303830229909514 (msgNumber integer, msgEmotion text, msgStr

Test 12-16

TheConquerorOfCats Today at 00:59
\$giveStats

Don't be sad bot BOT Today at 00:59
ObservedList(value=[5, ObservedList(value=[-0.004992362659965936]), 'joy'])

TheConquerorOfCats Today at 00:59
\$myEmotionToday

Don't be sad bot BOT Today at 00:59
Today you are feeling a bit of anger

TheConquerorOfCats Today at 01:00
\$myEmotionThisWeek

Don't be sad bot BOT Today at 01:00
This week you are feeling a bit of joy

TheConquerorOfCats Today at 01:00
\$myEmotionLastWeek

Don't be sad bot BOT Today at 01:00
Last Week you are feeling joy

TheConquerorOfCats Today at 01:00
\$gibQuote

Test 16-19



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The screenshot shows a messaging application interface with a dark theme. A conversation is displayed between two users:

- TheConquerorOfCats** (Today at 01:00): \$gibQuote
- Don't be sad bot** (BOT): Today at 01:00
The giving of love is an education in itself.
- TheConquerorOfCats** (Today at 01:01): \$chatbotOn
- Don't be sad bot** (BOT): Today at 01:01
chatbot Online
- TheConquerorOfCats** (Today at 01:01): hello
- Don't be sad bot** (BOT): Today at 01:01
Hiya
- TheConquerorOfCats** (Today at 01:01): \$chatbotOff
- Don't be sad bot** (BOT): Today at 01:01
chatbot Offline

At the top right of the message list, there are several small icons: a gear, a left arrow, a right arrow, a hash tag, and three dots.

Test 20

The screenshot shows a message from the bot:

Don't be sad bot (BOT) 17/03/2022
hello happy boy, stay cool

hello, it seems you are a bit angry. While its ok to be angry sometimes, If your anger means you're acting in an abusive or violent way it's important to get help. You might feel worried that asking for help will get you in trouble, but it is often the most important first step towards changing your behaviour. You can contact: Your GP. They can talk through your options with you, and refer you on to any local services. In many areas, the NHS, social services or your local council will run programmes to help perpetrators of domestic abuse change their behaviour. Respect runs a phoneline offering advice, information and support on 0808 802 4040. You can also email them on info@respectphoneline.org.uk or use their live chat on their website. Live chat is available Tuesdays and Thursdays 10am-4pm. They run programmes across the country to help you understand and change your behaviour. The Freedom Programme runs online and in-person courses for anyone who wants to change their abusive behaviour. The Alternatives to Violence Project (AVP) runs courses to help people learn new ways to tackle situations where violence could arise.

Test 22



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--

TheConquerorOfCats Today at 01:05
\$chatbotOff

Don't be sad bot BOT Today at 01:05
chatbot Offline

TheConquerorOfCats Today at 01:05
\$chatBotOn

TheConquerorOfCats Today at 01:05
\$chatbotOn

Don't be sad bot BOT Today at 01:05
chatbot Online

TheConquerorOfCats Today at 01:06
hello

Don't be sad bot BOT Today at 01:06
Hiya

Message #bot-secret

Gift GIF Image Smiley

11 April 2022

TheConquerorOfCats Today at 01:05
\$chatBotOn

TheConquerorOfCats Today at 01:05
\$chatbotOn

Don't be sad bot BOT Today at 01:05
chatbot Online

TheConquerorOfCats Today at 01:06
hello

Don't be sad bot BOT Today at 01:06
Hiya

Message #general

Gift GIF Image Smiley

Test 21

TheConquerorOfCats Today at 01:06
Hello

Don't be sad bot BOT Today at 01:07
Hiya

TheConquerorOfCats Today at 01:07
\$chatbotAnime

Don't be sad bot BOT Today at 01:07
Anime Dialogue Bot online

TheConquerorOfCats Today at 01:10
hello

Don't be sad bot BOT Today at 01:10
Hey.

Message #bot-secret

Gift GIF Image Smiley



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Appendix B

Addressing points from the marking criteria based on the canvas file.

This section is supposed to address points on that file that is not included in the report

Quality of report : check this report

Quality of product : check the files, see also readme

Quality of process : see documentations

Quality of demonstration : see slides , will be included in the final repository

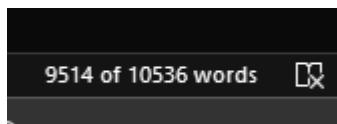
Quality of management : see project planning above, also check gitlab and teams.

Only a single meeting with supervisor was missed in this project, and that was with permission

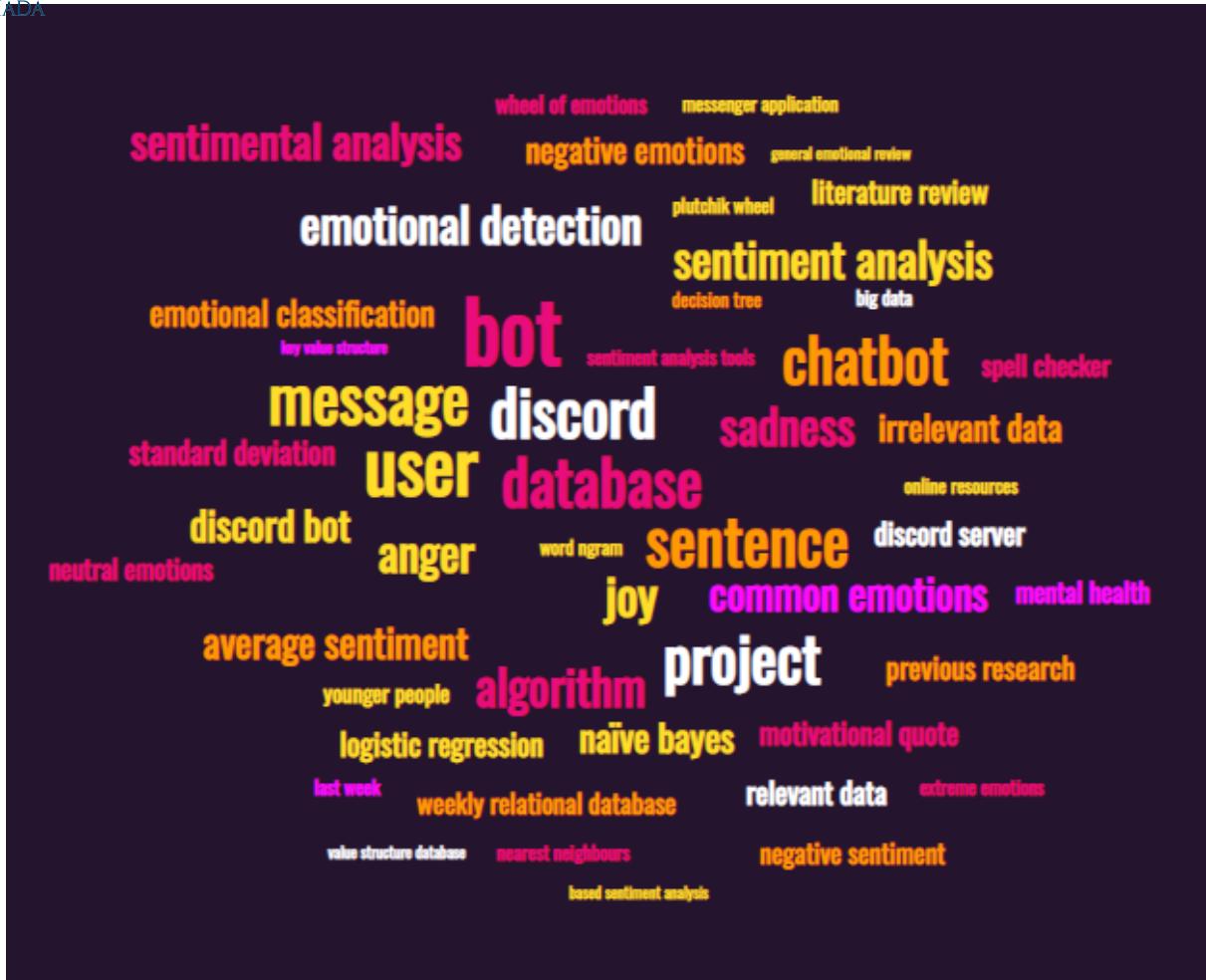
Substantialness of Achievement : See this report, all ideas here that is not cited is original and made by me

Appendix C

Countin the number of words since for some reason google docs and Microsoft words have different counts.



WordCloud



Gitlab Link :

<https://git-teaching.cs.bham.ac.uk/mod-ug-proj-2021/gjs063/-/tree/main>