

```
--- project_structure.py ---
```

```
import os
```

```
def list_files_and_folders(directory, output_file):
```

```
    with open(output_file, 'w') as f:
```

```
        for root, dirs, files in os.walk(directory):
```

```
            # Ignore .git and __pycache__ folders
```

```
            dirs[:] = [d for d in dirs if d not in ['.git', '__pycache__']]
```

```
            f.write(f"Directory: {root}\n")
```

```
            for dir_name in dirs:
```

```
                f.write(f"  Folder: {dir_name}\n")
```

```
            for file_name in files:
```

```
                f.write(f"    File: {file_name}\n")
```

```
# Update the directory path to your project folder
```

```
project_directory = "D:/HARRISBURG/Harrisburg Master's Fifth Term Late Summer/CISC  
699/DiscordBotProject_CISC699"
```

```
output_file = os.path.join(project_directory, "other/project_structure.txt")
```

```
# Call the function to list files and save output to .txt
```

```
list_files_and_folders(project_directory, output_file)
```

```
print(f"File structure saved to {output_file}")
```

```
--- project_structure.txt ---
```

Directory:	D:/HARRISBURG/Harrisburg	Master's	Fifth	Term	Late	Summer/CISC
------------	--------------------------	----------	-------	------	------	-------------

699/DiscordBotProject\_CISC699

Folder: Assignment8\_Test

Folder: boundary

Folder: control

Folder: DataObjects

Folder: entity

Folder: ExportedFiles

Folder: other

Folder: PersonelTest

Folder: utils

File: main.py

Directory:	D:/HARRISBURG/Harrisburg	Master's	Fifth	Term	Late	Summer/CISC
------------	--------------------------	----------	-------	------	------	-------------

699/DiscordBotProject\_CISC699\Assignment8\_Test

Directory:	D:/HARRISBURG/Harrisburg	Master's	Fifth	Term	Late	Summer/CISC
------------	--------------------------	----------	-------	------	------	-------------

699/DiscordBotProject\_CISC699\boundary

File: AccountBoundary.py

File: HelpBoundary.py

File: StopBoundary.py

File: \_\_init\_\_.py

Directory:	D:/HARRISBURG/Harrisburg	Master's	Fifth	Term	Late	Summer/CISC
------------	--------------------------	----------	-------	------	------	-------------

699/DiscordBotProject\_CISC699\control

File: AccountControl.py

File: HelpControl.py

File: StopControl.py

File: \_\_init\_\_.py

Directory:	D:/HARRISBURG/Harrisburg	Master's	Fifth	Term	Late	Summer/CISC
------------	--------------------------	----------	-------	------	------	-------------

699/DiscordBotProject\_CISC699\DataObjects

File: AccountDAO.py

File: AccountDTO.py

File: DataExportDTO.py

Directory: D:/HARRISBURG/Harrisburg Master's Fifth Term Late Summer/CISC

699/DiscordBotProject\_CISC699\entity

File: AccountEntity.py

File: \_\_init\_\_.py

Directory: D:/HARRISBURG/Harrisburg Master's Fifth Term Late Summer/CISC

699/DiscordBotProject\_CISC699\ExportedFiles

Folder: excelFiles

Folder: htmlFiles

Directory: D:/HARRISBURG/Harrisburg Master's Fifth Term Late Summer/CISC

699/DiscordBotProject\_CISC699\ExportedFiles\excelFiles

File: check\_availability.xlsx

File: command\_results.xlsx

File: monitor\_availability.xlsx

Directory: D:/HARRISBURG/Harrisburg Master's Fifth Term Late Summer/CISC

699/DiscordBotProject\_CISC699\ExportedFiles\htmlFiles

File: check\_availability.html

File: MOCK\_check\_availability.html

File: monitor\_availability.html

Directory: D:/HARRISBURG/Harrisburg Master's Fifth Term Late Summer/CISC

699/DiscordBotProject\_CISC699\other

File: project\_structure.py

File: project\_structure.txt

File: project\_text.py

File: Tests\_URLs.txt

Directory: D:/HARRISBURG/Harrisburg Master's Fifth Term Late Summer/CISC  
699/DiscordBotProject\_CISC699\PersonelTest

File: test\_addAccount.py

File: test\_deleteAccount.py

File: test\_excel\_creation.py

File: test\_fetchAccounts.py

File: test\_html\_creation.py

File: \_\_init\_\_.py

Directory: D:/HARRISBURG/Harrisburg Master's Fifth Term Late Summer/CISC  
699/DiscordBotProject\_CISC699\utils

File: Config.py

File: css\_selectors.py

File: exportUtils.py

--- project\_text.py ---

import os

from fpdf import FPDF

# Directory where the project files are located

directory = r"D:\HARRISBURG\Harrisburg Master's Fifth Term Late Summer\CISC  
699\DiscordBotProject\_CISC699\other"

output\_pdf\_path = os.path.join(directory, "project\_text.pdf")

# Function to retrieve all text from files, ignoring .git and \_\_pycache\_\_ directories

def extract\_project\_text(directory):

```

project_text = ""

for root, dirs, files in os.walk(directory):

    # Ignore .git and __pycache__ directories

    dirs[:] = [d for d in dirs if d not in ['.git', '__pycache__']]

    for file in files:

        if file.endswith('.py') or file.endswith('.txt') or file.endswith('.md'): # Only considering relevant
file types

            file_path = os.path.join(root, file)

            try:

                with open(file_path, 'r', encoding='utf-8') as f:

                    project_text += f"--- {file} ---\n"

                    project_text += f.read() + "\n\n"

            except Exception as e:

                print(f"Could not read file {file_path}: {e}")

    return project_text

# Function to generate a PDF with the extracted text

def create_pdf(text, output_path):

    pdf = FPDF()

    pdf.set_auto_page_break(auto=True, margin=15)

    pdf.add_page()

    pdf.set_font("Arial", size=12)

    # Ensure proper encoding handling

    for line in text.split("\n"):

```

```
# Convert the text to UTF-8 and handle unsupported characters
```

```
try:
```

```
    pdf.multi_cell(0, 10, line.encode('latin1', 'replace').decode('latin1'))
```

```
except UnicodeEncodeError:
```

```
    # Handle any other encoding issues
```

```
    pdf.multi_cell(0, 10, line.encode('ascii', 'replace').decode('ascii'))
```

```
pdf.output(output_path)
```

```
# Extract project text and create the PDF
```

```
project_text = extract_project_text(directory)
```

```
if project_text:
```

```
    create_pdf(project_text, output_pdf_path)
```

```
    output_pdf_path
```

```
    print("PDF file created with all project's as text at: " + output_pdf_path)
```

```
else:
```

```
    "No project text found."
```

```
--- Tests_URLs.txt ---
```

```
database password: postgres
```

Working Commands: Test commands

!project\_help

!fetch\_all\_accounts

!fetch\_account\_by\_website discordtestWebsite

!add\_account discordtestUser discordTestPass discordtestWebsite

!delete\_account 4

!stop\_bot

!launch\_browser

!close\_browser

!navigate\_to\_website <https://www.google.com/>

!login bestbuy

!get\_price

<https://www.bestbuy.com/site/microsoft-xbox-wireless-controller-for-xbox-series-x-xbox-series-s-xbox-one-windows-devices-sky-cipher-special-edition/6584960.p?skuld=6584960>

!monitor\_price

<https://www.bestbuy.com/site/microsoft-xbox-wireless-controller-for-xbox-series-x-xbox-series-s-xbox-one-windows-devices-sky-cipher-special-edition/6584960.p?skuld=6584960>

x-one-windows-devices-sky-cipher-special-edition/6584960.p?skuld=6584960

!stop\_monitoring

!check\_availability <https://www.opentable.com/r/bar-spero-washington/>

!monitor\_availability <https://www.opentable.com/r/bar-spero-washington/>

!monitor\_availability <https://www.opentable.com/r/bar-spero-washington/> "October 2"

!stop\_monitoring\_availability

!stop\_bot

\*\*\*\*\*

Working on it:

!check\_availability <https://www.opentable.com/r/bar-spero-washington/> "August 22" "8:00 PM"

\*\*\*\*\*

URLs to Test:

<https://www.opentable.com/r/bar-spero-washington/>

[https://www.ebay.com/itm/314411766963?\\_trkparms=amclsrc%3DITM%26aid%3D777008%26alg](https://www.ebay.com/itm/314411766963?_trkparms=amclsrc%3DITM%26aid%3D777008%26alg)



o%3DPERSONAL.TOPIC%26ao%3D1%26asc%3D20240603121456%26meid%3Da07931f944bc4  
a5b95376fe64d0ab035%26pid%3D102177%26rk%3D1%26rkt%3D1%26itm%3D314411766963%2  
6pmt%3D1%26noa%3D1%26pg%3D4375194%26algv%3DNoSignalMostWatched%26brand%3DSi  
mpliSafe&\_trksid=p4375194.c102177.m166540&\_trkparms=parentrq%3A71497a9c1910a8cd54f81  
9a0ffff582e%7Cpageci%3A59d1354a-5f2b-11ef-9c4d-f2c982e61003%7Ciid%3A1%7Cvlpname%3A  
vlp\_homepage

[https://www.trendyol.com/puma/rebound-v6-low-p-736020132?boutiqueId=61&merchantId=184734  
&sav=true](https://www.trendyol.com/puma/rebound-v6-low-p-736020132?boutiqueId=61&merchantId=184734&sav=true)

!get\_price

[https://www.trendyol.com/puma/rebound-v6-low-p-736020132?boutiqueId=61&merchantId=184734  
&sav=true](https://www.trendyol.com/puma/rebound-v6-low-p-736020132?boutiqueId=61&merchantId=184734&sav=true)

ok, now I want to add !stop\_bot using BCE structure and dont forget professor feedbacks.

Please always check the pdf file I provided to you with all the codes in it for correct code. just put the  
working code in the correct files/places