

Document for Task 2 : Development Technology

```
1  ## Development Technology
2
3  ### Front-End
4
5  - HTML, CSS, JavaScript
6  - React (Front-end framework)
7  - Map integration libraries (e.g., Leaflet) for location-based features
8  - Responsive design for mobile and desktop devices
9
10
11 ### Back-End
12
13
14 &nbsp;&nbsp;&nbsp;1. Node.js or Python (Server-side scripting)
15
16 &nbsp;&nbsp;&nbsp;2. Express.js (Web application frameworks)
17
18 &nbsp;&nbsp;&nbsp;3. MongoDB or PostgreSQL (Database management)
19
20 &nbsp;&nbsp;&nbsp;4. Geocoding APIs (for mapping and location data)
21
22
23
```

Figure 1 : Readme.md file for the development technology

```
## Features

- **Search**: Easily search for dining establishments based on location, cuisine, price range, and more.
- **Restaurant Profiles**: Detailed profiles for each restaurant, including information about the cuisine, operating hours, contact details, and
- **Menus**: Access to digital menus, helping users explore dishes before visiting the restaurant.
- **Reviews and Ratings**: Read and write reviews and ratings to share experiences with the community.
- **Map Integration**: Integration with mapping services to provide directions to the selected restaurant.
- **User Accounts**: Create accounts to save favourite restaurants, track dining history, and receive personalized recommendations.

[Click](https://bjitacademy.com/) here for more details
```

Figure 2 : Readme.md file for the development technology(Contd.)

```
MINGW64:/d/AI_group_commit_
bjit@DESKTOP-50P8V7R MINGW64 /d
$ git clone git@github.com:ArnabPurkaystha/AI_group_commit_.git
Cloning into 'AI_group_commit_'...
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 4 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (4/4), done.

bjit@DESKTOP-50P8V7R MINGW64 /d
$ cd AI_group_commit_

bjit@DESKTOP-50P8V7R MINGW64 /d/AI_group_commit_ (development)
$
```

Figure 3 : git clone from repository

```
bjit@DESKTOP-50P8V7R MINGW64 /d/AI_group_commit_ (development)
$ git status
On branch development
Your branch is up to date with 'origin/development'.

nothing to commit, working tree clean

bjit@DESKTOP-50P8V7R MINGW64 /d/AI_group_commit_ (development)
$ git branch technology

bjit@DESKTOP-50P8V7R MINGW64 /d/AI_group_commit_ (development)
$ git status
On branch development
Your branch is up to date with 'origin/development'.

nothing to commit, working tree clean

bjit@DESKTOP-50P8V7R MINGW64 /d/AI_group_commit_ (development)
$ git branch
* development
  technology

bjit@DESKTOP-50P8V7R MINGW64 /d/AI_group_commit_ (development)
$
```

Figure 4 : new branch created technology for and status check

```

bjit@DESKTOP-50P8V7R MINGW64 /d/AI_group_commit_ (development)
$ git checkout technology
Switched to branch 'technology'

bjit@DESKTOP-50P8V7R MINGW64 /d/AI_group_commit_ (technology)
$ git status
On branch technology
nothing to commit, working tree clean

bjit@DESKTOP-50P8V7R MINGW64 /d/AI_group_commit_ (technology)
$

```

Figure 5 : checkout to technology branch

```

bjit@DESKTOP-50P8V7R MINGW64 /d/AI_group_commit_ (development)
$ git branch
* development
  technology

bjit@DESKTOP-50P8V7R MINGW64 /d/AI_group_commit_ (development)
$ git checkout technology
Switched to branch 'technology'

bjit@DESKTOP-50P8V7R MINGW64 /d/AI_group_commit_ (technology)
$ git status
On branch technology
nothing to commit, working tree clean

bjit@DESKTOP-50P8V7R MINGW64 /d/AI_group_commit_ (technology)
$ pwd
/d/AI_group_commit_

```

Figure 6 : git status check

```

bjit@DESKTOP-50P8V7R MINGW64 /d/AI_group_commit_ (technology)
$ git status
On branch technology
Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   README.md

no changes added to commit (use "git add" and/or "git commit -a")

bjit@DESKTOP-50P8V7R MINGW64 /d/AI_group_commit_ (technology)
$ git add .

bjit@DESKTOP-50P8V7R MINGW64 /d/AI_group_commit_ (technology)
$ git status
On branch technology
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   README.md

```

Figure 7 : readme file modified and added to technology branch

```
bjit@DESKTOP-50P8V7R MINGW64 /d/AI_group_commit_ (technology)
$ git checkout development
M   README.md
Switched to branch 'development'
Your branch is up to date with 'origin/development'.

bjit@DESKTOP-50P8V7R MINGW64 /d/AI_group_commit_ (development)
$ git pull origin development
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (4/4), done.
Unpacking objects: 100% (4/4), 1.33 KiB | 170.00 KiB/s, done.
remote: Total 4 (delta 1), reused 2 (delta 0), pack-reused 0 (from 0)
From github.com:ArnabPurkaystha/AI_group_commit_
 * branch                development -> FETCH_HEAD
  4f9bcdd..85dd762  development -> origin/development
Updating 4f9bcdd..85dd762
error: Your local changes to the following files would be overwritten by merge:
      README.md
Please commit your changes or stash them before you merge.
Aborting

bjit@DESKTOP-50P8V7R MINGW64 /d/AI_group_commit_ (development)
$ git checkout technology
M   README.md
Switched to branch 'technology'
```

Figure 8 : After adding readme file branch is up-to date

```
bjit@DESKTOP-50P8V7R MINGW64 /d/AI_group_commit_ (development)
$ git checkout technology
M   README.md
Switched to branch 'technology'

bjit@DESKTOP-50P8V7R MINGW64 /d/AI_group_commit_ (technology)
$ git status
On branch technology
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        modified:   README.md

bjit@DESKTOP-50P8V7R MINGW64 /d/AI_group_commit_ (technology)
$ git commit -m "Docs(README) : readme file updated." -m "Refs : #23456"
[technology 17618be] Docs(README) : readme file updated.
 1 file changed, 38 insertions(+)

bjit@DESKTOP-50P8V7R MINGW64 /d/AI_group_commit_ (technology)
$ git log --oneline
17618be (HEAD -> technology) Docs(README) : readme file updated.
4f9bcdd (origin/main, development) Initial commit

bjit@DESKTOP-50P8V7R MINGW64 /d/AI_group_commit_ (technology)
$ git checkout development
Switched to branch 'development'
Your branch is behind 'origin/development' by 2 commits, and can be fast-forwarded.
  (use "git pull" to update your local branch)
```

Figure 9 : modified readme.md file committed


```

bjit@DESKTOP-50P8V7R MINGW64 /d/AI_group_commit_ (development)
$ git pull origin development
remote: Enumerating objects: 12, done.
remote: Counting objects: 100% (12/12), done.
remote: Compressing objects: 100% (8/8), done.
remote: Total 10 (delta 2), reused 8 (delta 2), pack-reused 0 (from 0)
Unpacking objects: 100% (10/10), 631.33 KiB | 504.00 KiB/s, done.
From github.com:ArnabPurkaystha/AI_group_commit_
 * branch                development -> FETCH_HEAD
   85dd762..31e78a4      development -> origin/development
Updating 4f9bccd..31e78a4
Fast-forward
 README.md | 59 ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
 banner.jpg | Bin 0 -> 590182 bytes
 logo.jpg   | Bin 0 -> 71929 bytes
 3 files changed, 58 insertions(+), 1 deletion(-)
 create mode 100644 banner.jpg
 create mode 100644 logo.jpg

```

Figure 10 : pull origin development in git

```

bjit@DESKTOP-50P8V7R MINGW64 /d/AI_group_commit_ (development)
$ git branch newtechnology

bjit@DESKTOP-50P8V7R MINGW64 /d/AI_group_commit_ (development)
$ git branch
* development
  newtechnology
  technology

bjit@DESKTOP-50P8V7R MINGW64 /d/AI_group_commit_ (development)
$ git checkout newtechnology
Switched to branch 'newtechnology'

bjit@DESKTOP-50P8V7R MINGW64 /d/AI_group_commit_ (newtechnology)
$ git cherry-pick 17618be
Auto-merging README.md
CONFLICT (content): Merge conflict in README.md
error: could not apply 17618be... Docs(README) : readme file updated.
hint: After resolving the conflicts, mark them with
hint: "git add/rm <paths>", then run
hint: "git cherry-pick --continue".
hint: You can instead skip this commit with "git cherry-pick --skip".
hint: To abort and get back to the state before "git cherry-pick",
hint: run "git cherry-pick --abort".
hint: Disable this message with "git config advice.mergeConflict false"

```

Figure 11 : new branch newtechnology is created as local branch

```

MINGW64; d/AI_group_commit_
bjit@DESKTOP-50P8V7R MINGW64 /d/AI_group_commit_ (newtechnology|CHERRY-PICKING)
$ git add .

bjit@DESKTOP-50P8V7R MINGW64 /d/AI_group_commit_ (newtechnology|CHERRY-PICKING)
$ git status
On branch newtechnology
You are currently cherry-picking commit 17618be.
  (all conflicts fixed: run "git cherry-pick --continue")
  (use "git cherry-pick --skip" to skip this patch)
  (use "git cherry-pick --abort" to cancel the cherry-pick operation)

Changes to be committed:
  modified:   README.md

bjit@DESKTOP-50P8V7R MINGW64 /d/AI_group_commit_ (newtechnology|CHERRY-PICKING)
$ git commit -m "Docs(Readme) : task2 added to readme file"
[newtechnology 6e930b9] Docs(Readme) : task2 added to readme file
Date: Mon Nov 25 14:38:59 2024 +0600
1 file changed, 37 insertions(+)

```

Figure 12 : modified readme file is added in newtechnology branch

```

bjit@DESKTOP-50P8V7R MINGW64 /d/AI_group_commit_ (newtechnology)
$ git push -u origin newtechnology
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 4 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 1.03 KiB | 1.03 MiB/s, done.
Total 3 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
remote:
remote: Create a pull request for 'newtechnology' on GitHub by visiting:
remote:   https://github.com/ArnabPurkaystha/AI_group_commit_/pull/new/newtechnology
remote:
To github.com:ArnabPurkaystha/AI_group_commit_.git
 * [new branch]      newtechnology -> newtechnology
branch 'newtechnology' set up to track 'origin/newtechnology'.

```

Figure 13 : push to newtechnology to merge in remote repository

Open a pull request

Create a new pull request by comparing changes across two branches. If you need to, you can also [compare across forks](#). [Learn more about diff comparisons here](#).

base: development

compare: newtechnology

✓ Able to merge. These branches can be automatically merged.

Add a title

Docs(Readme) : task2 added to readme file

Add a description

Write

Preview

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Add your description here...

Markdown is supported

Paste, drop, or click to add files

Reviewers

Suggestions

Saib-AI-BJIT

Request

ArnabPurkaystha

Request

At least 1 approving review is required to merge this pull request.

Assignees

No one—[assign yourself](#)

Labels

None yet

Projects

None yet

Figure 14 : compare and pull request to review teh modified file

Reviewers

ArnabPurkaystha

At least 1 approving review is required to merge this pull request.

Assignees

No one—[assign yourself](#)

Labels

None yet

Projects

None yet

Milestone

Figure 15 : reviewer is selected to review modified files

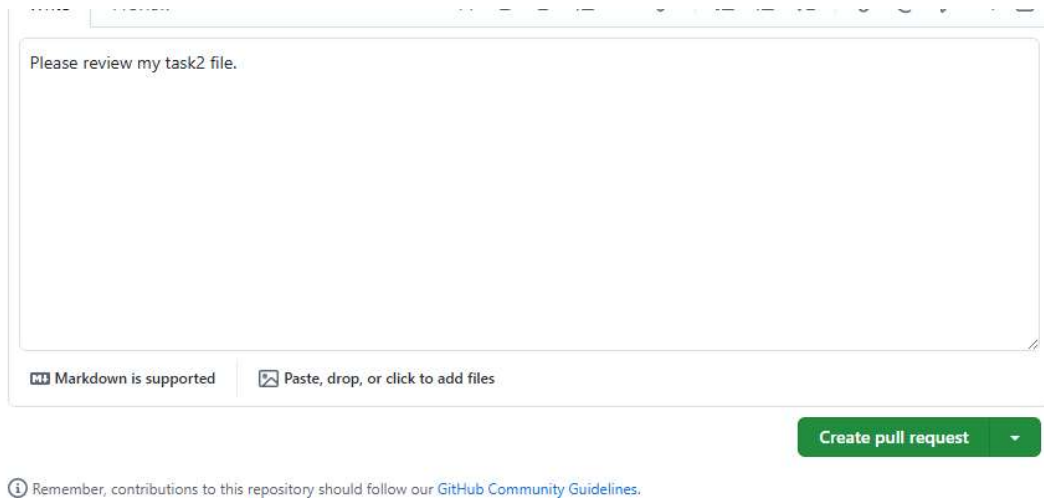


Figure 16 : pull request is created to merge to development branch

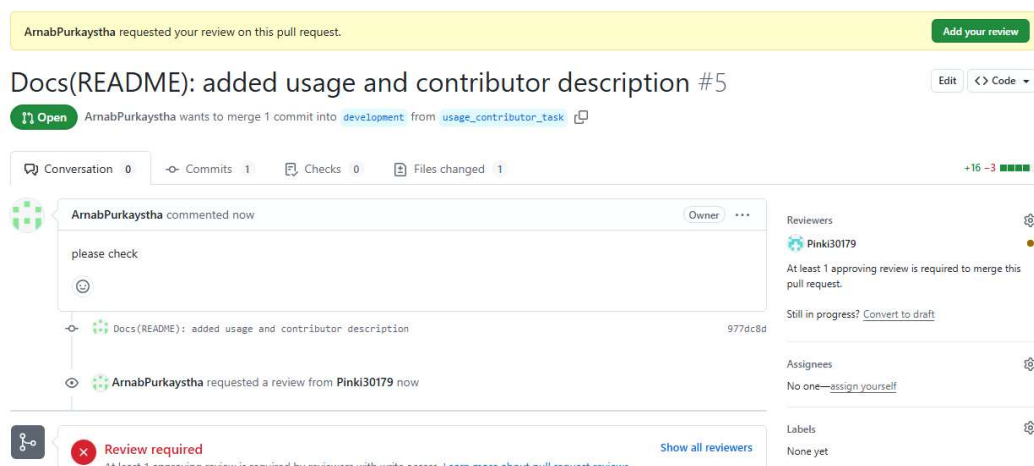



Figure 17 : reviewing other member's code


DOCS(README): added usage and contributor description #5


[Open](#) ArnabPurkaystha wants to merge 1 commit into `development` from `usage_contributor_task`


Conversation 1 Commits 1 Checks 0 Files changed 1



 ArnabPurkaystha commented 1 minute ago Owner ...

please check




 Docs(README): added usage and contributor description 977dc8d

 ArnabPurkaystha requested a review from Pinki30179 1 minute ago

  Pinki30179 approved these changes now View reviewed changes

Pinki30179 left a comment Collaborator ...

it's ok.



code 18 : After approval branch is added to development branch

