



Name: Yeasir Arafat
ID: 30185

First of all, creating a new repository with the name of “**team-pentagon**” and adding all my collaborators.

Create a new repository



A repository contains all project files, including the revision history. Already have a project repository elsewhere? [Import a repository.](#)

Required fields are marked with an asterisk (*).

Owner *  yeasir-ar / Repository name *
 team-pentagon is available.

Great repository names are short and memorable. Need inspiration? How about [special-palm-tree](#) ?


Description (optional)

- ☒  **Public**
Anyone on the internet can see this repository. You choose who can commit.
- ☐  **Private**
You choose who can see and commit to this repository.

Initialize this repository with:




- ☒ **Add a README file**
This is where you can write a long description for your project. [Learn more about READMEs.](#)

Add .gitignore

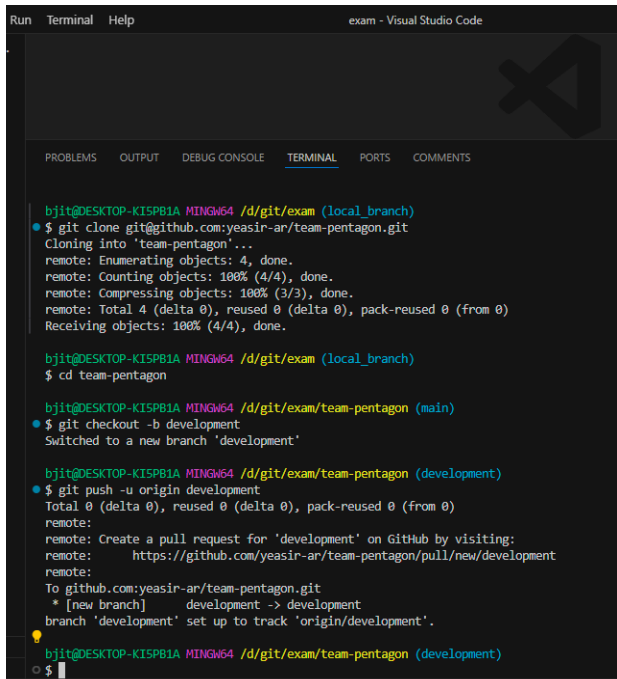
.gitignore template:  None

Manage access

☐ Select all

- | | | |
|--------------------------|---|--|
| <input type="checkbox"/> |  humayun-bjit
Awaiting humayun-bjit's response | Pending Invite  |
| <input type="checkbox"/> |  raihaanromeo
Awaiting raihaanromeo's response | Pending Invite  |
| <input type="checkbox"/> |  SaminBJIT
Awaiting SaminBJIT's response | Pending Invite  |
| <input type="checkbox"/> |  SohanurRahman-Sohan
Awaiting SohanurRahman-Sohan's response | Pending Invite  |
| <input type="checkbox"/> |  Ujjal K. Saha
Awaiting uksaha77's response | Pending Invite  |

Cloning the repository with SSH and creating a new branch called “**development**” and pushing it to remote origin.



```
Run Terminal Help exam - Visual Studio Code

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS

bjit@DESKTOP-K15PB1A MINGW64 /d/git/exam (local_branch)
$ git clone git@github.com:yeasir-ar/team-pentagon.git
Cloning into 'team-pentagon'...
remote: Enumerating objects: 4, done.
remote: Counting objects: 100% (4/4), done.
remote: Compressing objects: 100% (3/3), done.
remote: Total 4 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
Receiving objects: 100% (4/4), done.

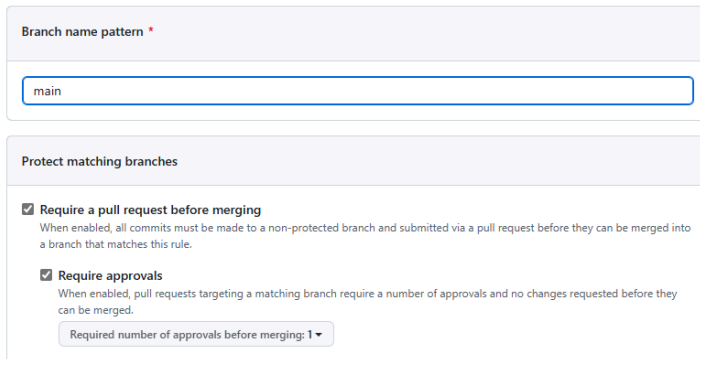
bjit@DESKTOP-K15PB1A MINGW64 /d/git/exam (local_branch)
$ cd team-pentagon

bjit@DESKTOP-K15PB1A MINGW64 /d/git/exam/team-pentagon (main)
$ git checkout -b development
Switched to a new branch 'development'

bjit@DESKTOP-K15PB1A MINGW64 /d/git/exam/team-pentagon (development)
$ git push -u origin development
Total 0 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
remote:
remote: Create a pull request for 'development' on GitHub by visiting:
remote:   https://github.com/yeasir-ar/team-pentagon/pull/new/development
remote:
To github.com:yeasir-ar/team-pentagon.git
 * [new branch]      development -> development
branch 'development' set up to track 'origin/development'.

bjit@DESKTOP-K15PB1A MINGW64 /d/git/exam/team-pentagon (development)
$
```

For the next few screenshots: I have set the branch protection rules for **main** and **development**.



Branch name pattern *

main

Protect matching branches

☒ **Require a pull request before merging**

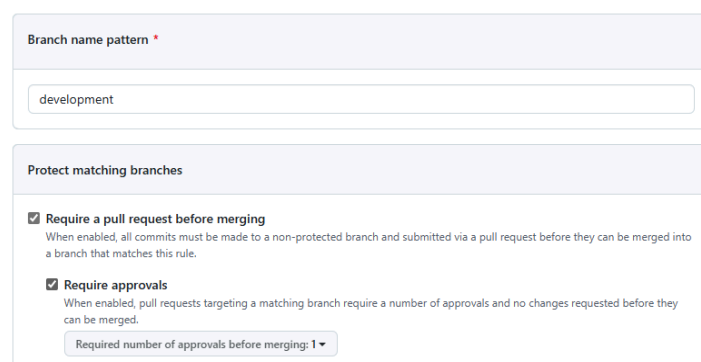
When enabled, all commits must be made to a non-protected branch and submitted via a pull request before they can be merged into a branch that matches this rule.

☒ **Require approvals**

When enabled, pull requests targeting a matching branch require a number of approvals and no changes requested before they can be merged.

Required number of approvals before merging: 1 ▼

Branch protection rule



Branch name pattern *

development

Protect matching branches

☒ **Require a pull request before merging**

When enabled, all commits must be made to a non-protected branch and submitted via a pull request before they can be merged into a branch that matches this rule.

☒ **Require approvals**

When enabled, pull requests targeting a matching branch require a number of approvals and no changes requested before they can be merged.

Required number of approvals before merging: 1 ▼

Level up your branch protections with Repository Rules

Take advantage of new features such as signed commits, requiring status checks, requiring linear history, and [Go to rulesets more!](#) [Learn more](#)

Branch protection rules

Add rule

main

Currently applies to 1 branch

EditDelete

development

Currently applies to 1 branch

EditDelete

Updating Readme.md with initial changes and creating a committed the changes in the development branch

yeasir-ar / team-pentagon

Editing team-pentagon/README.md

https://github.com/yeasir-ar/team-pentagon/edit/development/README.md

CodeIssuesPull requestsActionsProjectsWikiSecurityInsightsSettings

Files

development

Go to file

LICENSE

README.md

team-pentagon / README.md

in development

Cancel changesCommit changes...

EditPreviewCode 55% faster with GitHub Copilot

Spaces2Soft wrap

1# Local Dining Guide

2Web Based Dining Information Solution

3

4

5Welcome to the Local Dining Guide project! This web-based software solution is designed to

6provide users with comprehensive dining information, making it easy for them to explore

7and discover local restaurants, cafes, and eateries. Whether you're a food enthusiast looking

8for new culinary experiences or a traveller seeking the best dining spots in town, Local

9Dining Guide has got you covered.

10|

Use `control + shift + m` to toggle the `tab` key moving focus. Alternatively, use `esc` then `tab` to move to the next interactive element on the page.

Attach files by dragging & dropping, selecting or pasting them.

80°

Search

ENGUS

12:40 PM11/25/2024

One of the collaborator pull requests to the development branch. Next following screenshot contains the process of the merge approving process.

The image displays two screenshots of a GitHub pull request interface for a repository named 'yeasir-ar/team-pentagon'.

Top Screenshot: The pull request is titled 'locally resolve the merge conflict #1'. It shows a diff view for the file 'README.md'. The diff indicates changes from a commit on the 'task2conflict' branch to the 'development' branch. The changes include adding a section for 'Development Technology' and 'Features'.

Bottom Screenshot: The same pull request is shown, but with a 'Finish your review' modal open. The user has written a review: 'Everything looks fine. Okay to merge'. The modal also shows options to 'Comment', 'Approve', or 'Request changes'. The 'Approve' option is selected, indicating the user is approving the merge.

locally resolve the merge conflict #1
railhanromeo wants to merge 1 commit into development from task2conflict

yeasir-ar left a comment
Everything looks fine. Okay to merge

Changes approved
1 approving review by reviewers with write access. [Show all reviewers](#)

1 approval
3 pending reviewers

Continuous integration has not been set up
[GitHub Actions](#) and [several other apps](#) can be used to automatically catch bugs and enforce style.

This branch has no conflicts with the base branch
Merging can be performed automatically.

Merge pull request

Labels
None yet

Projects
None yet

Milestone
No milestone

Development
Successfully merging this pull request may close these issues.

Notifications
Unsubscribe
You're receiving notifications because you're watching this repository.

2 participants

Add a comment

locally resolve the merge conflict #1
railhanromeo wants to merge 1 commit into development from task2conflict

yeasir-ar left a comment
Everything looks fine. Okay to merge

Merge pull request #1 from yeasir-ar/task2conflict
locally resolve the merge conflict
This commit will be authored by yeasir.arafat@bjitcademy.com

Merging... Cancel

Add a comment

Write Preview
H B I

Add your comment here...

Labels
None yet

Projects
None yet

Milestone
No milestone

Development
Successfully merging this pull request may close these issues.

Notifications
Unsubscribe
You're receiving notifications because you're watching this repository.

2 participants

yeasir-ar/team-pentagon x locally resolve the merge conflict x +

https://github.com/yeasir-ar/team-pentagon/pull/1

Merged locally resolve the merge conflict #1
yeasir-ar merged 1 commit into `development` from `task2conflict` now

yeasir-ar left a comment
Everything looks fine. Okay to merge

yeasir-ar merged commit 30781ba into `development` now

Pull request successfully merged and closed
You're all set—the `task2conflict` branch can be safely deleted.

Add a comment

Write Preview H B I `< > @ ↩ ↪`

Add your comment here...

Markdown is supported Paste, drop, or click to add files

Projects
None yet

Milestone
No milestone

Development
Successfully merging this pull request may close these issues.

None yet

Notifications
Unsubscribe
You're receiving notifications because you're watching this repository.

2 participants

Lock conversation

yeasir-ar/team-pentagon x locally resolve the merge conflict x +

https://github.com/yeasir-ar/team-pentagon/pull/1

Merged locally resolve the merge conflict #1
yeasir-ar merged 1 commit into `development` from `task2conflict` now

yeasir-ar left a comment
Everything looks fine. Okay to merge

yeasir-ar merged commit 30781ba into `development` now

yeasir-ar deleted the `task2conflict` branch now

Add a comment

Write Preview H B I `< > @ ↩ ↪`

Add your comment here...

Markdown is supported Paste, drop, or click to add files

Projects
None yet

Milestone
No milestone

Development
Successfully merging this pull request may close these issues.

None yet

Notifications
Unsubscribe
You're receiving notifications because you're watching this repository.

2 participants

Lock conversation

Comment

Updating Readme.md with initial changes(task2) and creating a committed the changes in the task1branch

```
team-pentagon > README.md > # Local Dining Guide > ## Table of Contents > ### License
1  # Local Dining Guide
14 ## Table of Contents
   a rich and intuitive interface to search for restaurants, view their menus, read reviews, and get directions.
   With a focus on enhancing the dining experience, this software solution strives to bridge the gap between diners
   and local eateries.
26
27
28 ![Banner](https://github.com/user-attachments/assets/8d293ff9-c311-46a6-bbcc-544b27668279)
29

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS
bjit@DESKTOP-K1SPB1A MINGW64 /d/git/exam/team-pentagon (task1branch)
$ git add README.md

bjit@DESKTOP-K1SPB1A MINGW64 /d/git/exam/team-pentagon (task1branch)
$ git commit -m "Docs(readme): Add information about local guide and table of contents." -m "Refs: 30185"
[task1branch 131679f] Docs(readme): Add information about local guide and table of contents.
1 file changed, 32 insertions(+), 1 deletion(-)

bjit@DESKTOP-K1SPB1A MINGW64 /d/git/exam/team-pentagon (task1branch)
$
```

```
File Edit Selection View Go Run Terminal Help
README.md - exam - Visual Studio Code

EXPLORER
EXAM
  team-pentagon
    LICENSE
    README.md

TERMINAL
team-pentagon > README.md > # Local Dining Guide
25  ### **Features**
37  and receive personalized recommendations.
38
39  *[Click](https://bjitacademy.com/) here for more details*
40
41

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS
bjit@DESKTOP-K1SPB1A MINGW64 /d/git/exam/team-pentagon (task1branch)
$ git checkout development
Switched to branch 'development'
Your branch is up to date with 'origin/development'.

bjit@DESKTOP-K1SPB1A MINGW64 /d/git/exam/team-pentagon (development)
$ git pull origin development
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 4 (delta 0), reused 3 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (4/4), 2.03 KiB | 12.00 KiB/s, done.
From github.com:yeasin-ar/team-pentagon
 * branch                development -> FETCH HEAD
 ef7a281..30781ba  development -> origin/development
Updating ef7a281..30781ba
Fast-forward
 README.md | 31 ++++++
 1 file changed, 31 insertions(+)

bjit@DESKTOP-K1SPB1A MINGW64 /d/git/exam/team-pentagon (development)
$
```

```
File Edit Selection View Go Run Terminal Help
README.md - exam - Visual Studio Code

EXPLORER
EXAM
  team-pentagon
  LICENSE
  README.md

TERMINAL
bjit@DESKTOP-KISPB1A MINGW64 /d/git/exam/team-pentagon (development)
$ git pull origin development
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 4 (delta 0), reused 3 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (4/4), 2.03 KiB | 12.00 KiB/s, done.
From github.com:yeasin-ar/team-pentagon
* branch      development -> origin/development
ef7a281..30781ba development -> origin/development
Updating ef7a281..30781ba
Fast-forward
 README.md | 31 ++++++
 1 file changed, 31 insertions(+)

bjit@DESKTOP-KISPB1A MINGW64 /d/git/exam/team-pentagon (development)
$ git checkout -b task1conflict
Switched to a new branch 'task1conflict'

bjit@DESKTOP-KISPB1A MINGW64 /d/git/exam/team-pentagon (task1conflict)
$ git cherry-pick 131679f
Auto-merging README.md
CONFLICT (content): Merge conflict in README.md
error: could not apply 131679f... Docs(readme): Add information about local guide and table of contents.
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"

bjit@DESKTOP-KISPB1A MINGW64 /d/git/exam/team-pentagon (task1conflict|CHERRY-PICKING)
$
```

```
File Edit Selection View Go Run Terminal Help
README.md - exam - Visual Studio Code

EXPLORER
EXAM
  team-pentagon
  LICENSE
  README.md

TERMINAL
1 file changed, 9 insertions(+), 1 deletion(-)

bjit@DESKTOP-KISPB1A MINGW64 /d/git/exam/team-pentagon (development)
$ git checkout task1branch
Switched to branch 'task1branch'

bjit@DESKTOP-KISPB1A MINGW64 /d/git/exam/team-pentagon (task1branch)
$ git cherry-pick 131679f
On branch task1branch
You are currently cherry-picking commit 131679f.
(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)

nothing to commit, working tree clean
The previous cherry-pick is now empty, possibly due to conflict resolution.
If you wish to commit it anyway, use:

    git commit --allow-empty

Otherwise, please use 'git cherry-pick --skip'

bjit@DESKTOP-KISPB1A MINGW64 /d/git/exam/team-pentagon (task1branch|CHERRY-PICKING)
$ git cherry-pick --skip

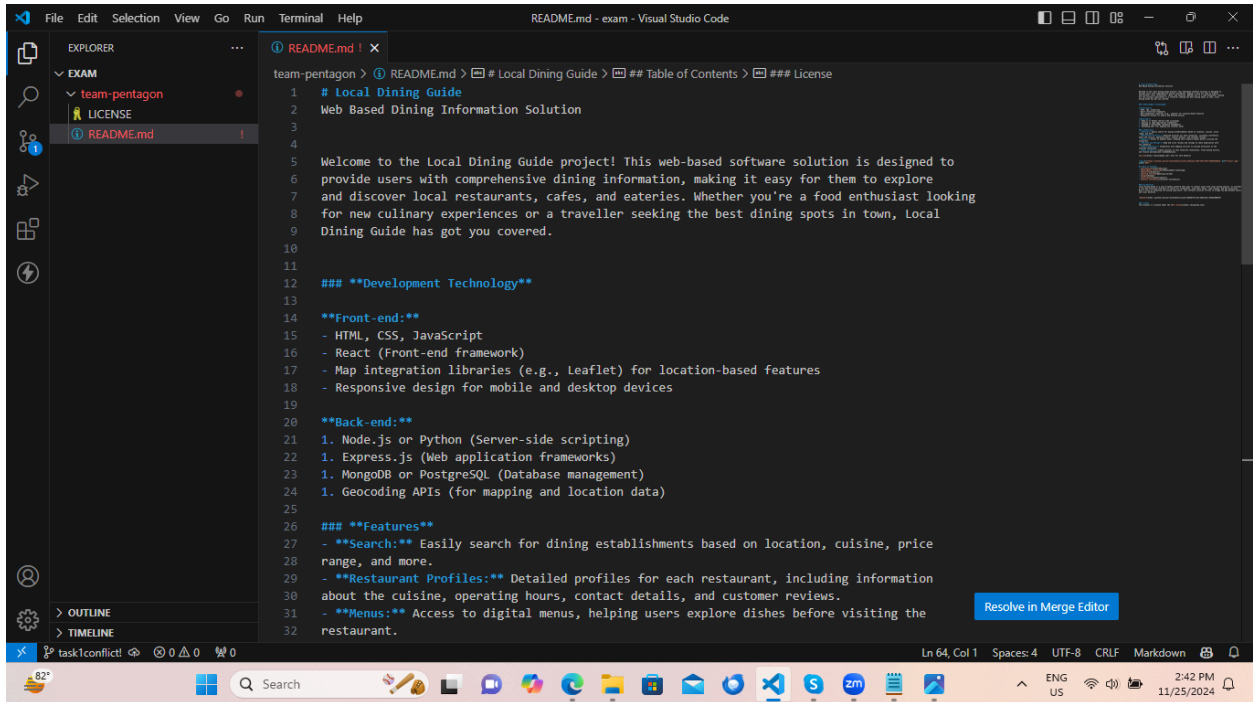
bjit@DESKTOP-KISPB1A MINGW64 /d/git/exam/team-pentagon (task1branch)
$ git checkout development
Switched to branch 'development'
Your branch is up to date with 'origin/development'.

bjit@DESKTOP-KISPB1A MINGW64 /d/git/exam/team-pentagon (development)
$ git pull origin development
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (4/4), done.
remote: Total 4 (delta 0), reused 3 (delta 0), pack-reused 0 (from 0)
Unpacking objects: 100% (4/4), 2.03 KiB | 12.00 KiB/s, done.
```

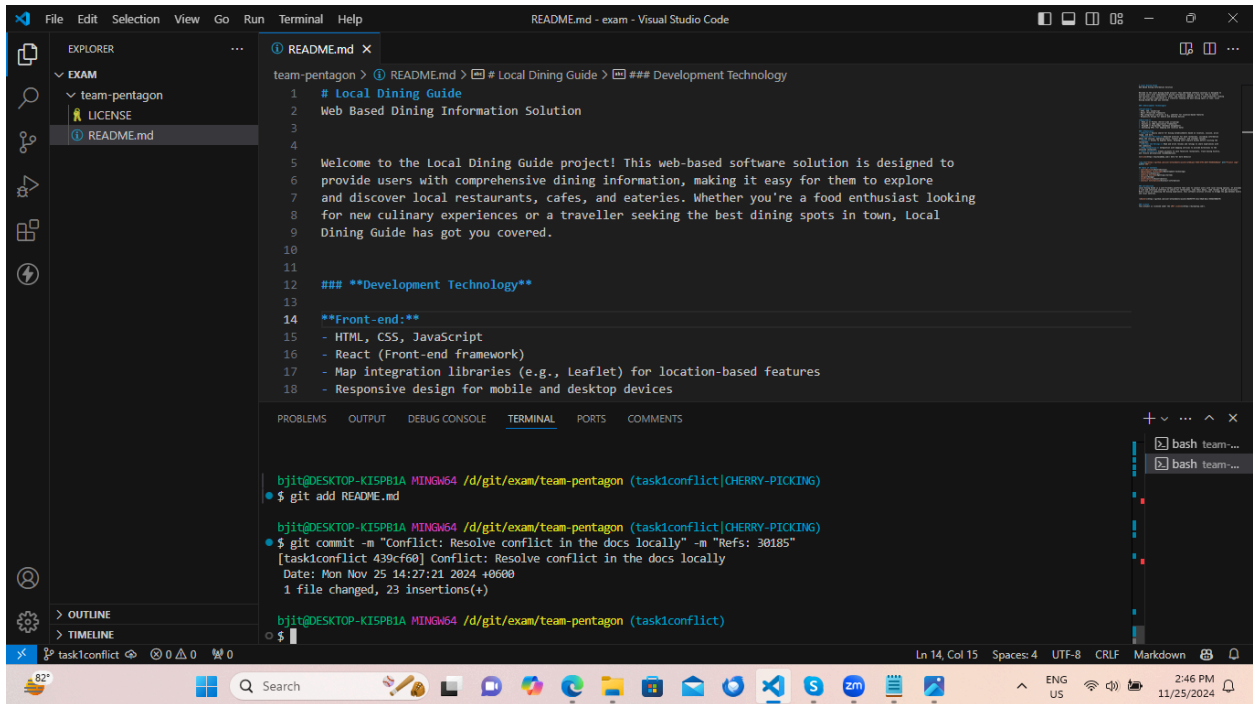

Resolving the conflict locally

```
team-pentagon > README.md > # Local Dining Guide
1 # Local Dining Guide
10 Accept Current Change | Accept Incoming Change | Accept Both Changes | Compare Changes
11 <<<<<< HEAD (Current Change)
12 ### **Development Technology**
13
14 **Front-end:**
15 - HTML, CSS, JavaScript
16 - React (Front-end framework)
17 - Map integration libraries (e.g., Leaflet) for location-based features
18 - Responsive design for mobile and desktop devices
19
20 **Back-end:**
21 1. Node.js or Python (Server-side scripting)
22 1. Express.js (Web application frameworks)
23 1. MongoDB or PostgreSQL (Database management)
24 1. Geocoding APIs (for mapping and location data)
25
26 ### **Features**
27 - **Search:** Easily search for dining establishments based on location, cuisine, price
28 range, and more.
29 - **Restaurant Profiles:** Detailed profiles for each restaurant, including information
30 about the cuisine, operating hours, contact details, and customer reviews.
31 - **Menus:** Access to digital menus, helping users explore dishes before visiting the
32 restaurant.
33 - **Reviews and Ratings:** Read and write reviews and ratings to share experiences with
34 the community.
35 - **Map Integration:** Integration with mapping services to provide directions to the
36 selected restaurant.
37 - **User Accounts:** Create accounts to save favourite restaurants, track dining history,
38 and receive personalized recommendations.
39
```

```
team-pentagon > README.md > # Local Dining Guide
1 # Local Dining Guide
26 ### **Features**
44 
45
46 ## Table of Contents
47 - [Introduction](#introduction)
48 - [Development Technology](#development-technology)
49 - [Features](#features)
50 - [Getting Started](#getting-started)
51 - [Usage](#usage)
52 - [Contributors](#contributors)
53 - [Contact Information](#contact-information)
54
55
56 ### Introduction
57 Local Dining Guide is a user-friendly platform that aims to connect users with local dining options. It provides
58 a rich and intuitive interface to search for restaurants, view their menus, read reviews, and get directions.
59 With a focus on enhancing the dining experience, this software solution strives to bridge the gap between diners
60 and local eateries.
61
62 ![[Banner]](https://github.com/user-attachments/assets/8d293ff9-c311-46a6-bbcc-544b27668279)
63
64 ### License
65 This project is licensed under the [MIT License](https://bjitgroup.com/).
66 >>>>>> 131679f (Docs(readme): Add information about local guide and table of contents.) (Incoming Change)
```



```
team-pentagon > README.md > # Local Dining Guide > ## Table of Contents > ### License
1 # Local Dining Guide
2 Web Based Dining Information Solution
3
4
5 Welcome to the Local Dining Guide project! This web-based software solution is designed to
6 provide users with comprehensive dining information, making it easy for them to explore
7 and discover local restaurants, cafes, and eateries. Whether you're a food enthusiast looking
8 for new culinary experiences or a traveller seeking the best dining spots in town, Local
9 Dining Guide has got you covered.
10
11
12 ### **Development Technology**
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14 **Front-end:**
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16 - React (Front-end framework)
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18 - Responsive design for mobile and desktop devices
19
20 **Back-end:**
21 1. Node.js or Python (Server-side scripting)
22 1. Express.js (Web application frameworks)
23 1. MongoDB or PostgreSQL (Database management)
24 1. Geocoding APIs (for mapping and location data)
25
26 ### **Features**
27 - **Search:** Easily search for dining establishments based on location, cuisine, price
28 range, and more.
29 - **Restaurant Profiles:** Detailed profiles for each restaurant, including information
30 about the cuisine, operating hours, contact details, and customer reviews.
31 - **Menus:** Access to digital menus, helping users explore dishes before visiting the
32 restaurant.
```



```
team-pentagon > README.md > # Local Dining Guide > ## Development Technology
1 # Local Dining Guide
2 Web Based Dining Information Solution
3
4
5 Welcome to the Local Dining Guide project! This web-based software solution is designed to
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15 - HTML, CSS, JavaScript
16 - React (Front-end framework)
17 - Map integration libraries (e.g., Leaflet) for location-based features
18 - Responsive design for mobile and desktop devices
19
20
21 PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS
22
23 bjit@DESKTOP-KISP81A MINGW64 /d/git/exam/team-pentagon (tasklconflict|CHERRY-PICKING)
24 $ git add README.md
25
26 bjit@DESKTOP-KISP81A MINGW64 /d/git/exam/team-pentagon (tasklconflict|CHERRY-PICKING)
27 $ git commit -m "Conflict: Resolve conflict in the docs locally" -m "Refs: 30185"
28 [tasklconflict 439cf60] Conflict: Resolve conflict in the docs locally
29 Date: Mon Nov 25 14:27:21 2024 +0600
30 1 file changed, 23 insertions(+)
31
32 bjit@DESKTOP-KISP81A MINGW64 /d/git/exam/team-pentagon (tasklconflict)
33 $
```

```
team-pentagon > | README.md > | Local Dining Guide > | ## Development Technology
1 # Local Dining Guide
2 Web Based Dining Information Solution
3
4

bjit@DESKTOP-KISP81A MINGW64 /d/git/exam/team-pentagon (taskiconflict|CHERRY-PICKING)
$ git add README.md

bjit@DESKTOP-KISP81A MINGW64 /d/git/exam/team-pentagon (taskiconflict|CHERRY-PICKING)
$ git commit -m "Conflict: Resolve conflict in the docs locally" -m "Refs: 30185"
[taskiconflict 439cf60] Conflict: Resolve conflict in the docs locally
Date: Mon Nov 25 14:27:21 2024 +0600
1 file changed, 23 insertions(+)

bjit@DESKTOP-KISP81A MINGW64 /d/git/exam/team-pentagon (taskiconflict)
$ git push origin taskiconflict
Enumerating objects: 5, done.
Counting objects: 100% (5/5), done.
Delta compression using up to 8 threads
Compressing objects: 100% (3/3), done.
Writing objects: 100% (3/3), 922 bytes | 922.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
remote:
remote: Create a pull request for 'taskiconflict' on GitHub by visiting:
remote:   https://github.com/yeasir-ar/team-pentagon/pull/new/taskiconflict
remote:
To github.com:yeasir-ar/team-pentagon.git
 * [new branch]      taskiconflict -> taskiconflict

bjit@DESKTOP-KISP81A MINGW64 /d/git/exam/team-pentagon (taskiconflict)
$
```

Performing pull request

Task 1 conflict resolve in README.md #2

yeasir-ar wants to merge 1 commit into development from taskiconflict

Conversation 0 Commits 1 Checks 0 Files changed 1 +23 -0

yeasir-ar commented now

Refs: 30185

Conflict: Resolve conflict in the docs locally 439cf60

Review required

At least 1 approving review is required by reviewers with write access. [Learn more about pull request reviews.](#)

Merging is blocked

Merging can be performed automatically with 1 approving review.

Reviewers

Suggestions

railhanromeo [Request](#)

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

Still in progress? [Convert to draft](#)

Assignees

No one—[assign yourself](#)

Labels

None yet

yeasir-ar / team-pentagon

Task 1 conflict resolve in README

Task 1 conflict resolve in README #2

yeasir-ar wants to merge 1 commit into development from task1conflict

Conversation 0Commits 1Checks 0Files changed 1+23 -0

yeasir-ar commented now

Refs: 30185

Conflict: Resolve conflict in the docs locally

yeasir-ar requested a review from railhanromeo now

Review required

At least 1 approving review is required by reviewers with write access.

Show all reviews

Reviewers

railhanromeo

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

Still in progress? Convert to draft

Assignees

No one—assign yourself

Labels

None yet

Projects

82°

Search

ENG US

2:49 PM

11/25/2024

The image displays two screenshots of a GitHub pull request interface. The top screenshot shows a pull request titled "Task3conflict : Conflict resolved locally. #3" with a "Finish your review" modal open. The modal contains a "Write" section with a text area containing "Everything is fine. Okay to proceed with merging." and a "Comment" section with options to "Comment", "Approve", or "Request changes". The bottom screenshot shows the same pull request with a "Changes approved" status and a "Merge pull request" button. The pull request details include a "Changes approved" section with a green checkmark, a "Continuous integration has not been set up" warning, and a "This branch has no conflicts with the base branch" message. The right sidebar shows the "Development" branch, a "None yet" status, and a "2 participants" section.

Finally creating a pull request from development branch to main branch for final updates to the main branch