24RP11363

NKUNDIMANA REGIS

STUDENT MIS REPORT

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1. Folder 11363_STUDENT_MIS CREATION

```
PS C:\xampp\htdocs> mkdir 24RP11363_STUDENT_MIS


    Directory: C:\xampp\htdocs


Mode                 LastWriteTime         Length Name
----                 -------------         ------ ----
d-----         06-Feb-25  11:25 AM                24RP11363_STUDENT_MIS



PS C:\xampp\htdocs>
```

2. Committed "index page is created"

```
user@DESKTOP-H183UHQ MINGW64 /c/xampp/htdocs/24RP11363_STUDENT_MIS (master)
$ git add index.php

user@DESKTOP-H183UHQ MINGW64 /c/xampp/htdocs/24RP11363_STUDENT_MIS (master)
$ git commit -m "index page is created"
[master (root-commit) cfdc682] index page is created
 1 file changed, 46 insertions(+)
 create mode 100644 index.php
```

3. Registration page creation with all necessary command and branches

```
user@DESKTOP-H183UHQ MINGW64 /c/xampp/htdocs/24RP11363_STUDENT_MIS (master)
$ git branch add-form-branch

user@DESKTOP-H183UHQ MINGW64 /c/xampp/htdocs/24RP11363_STUDENT_MIS (master)
$ git switch add-form-branch
Switched to branch 'add-form-branch'

user@DESKTOP-H183UHQ MINGW64 /c/xampp/htdocs/24RP11363_STUDENT_MIS (add-form-branch)
$ git checkout  add-form-branch
Already on 'add-form-branch'

user@DESKTOP-H183UHQ MINGW64 /c/xampp/htdocs/24RP11363_STUDENT_MIS (add-form-branch)
$ touch registration.php
```

4. Committing changes done in task 3 with "24RP11363, The form is added succesfuly"

```
user@DESKTOP-H183UHQ MINGW64 /c/xampp/htdocs/24RP11363_STUDENT_MIS (add-form-branch)
$ git add registration.php

user@DESKTOP-H183UHQ MINGW64 /c/xampp/htdocs/24RP11363_STUDENT_MIS (add-form-branch)
$ git commit -m "24RP11363, The form is added succesfuly"
[add-form-branch 972734f] 24RP11363, The form is added succesfuly
 1 file changed, 95 insertions(+)
 create mode 100644 registration.php
```

5. Merge registration page to master branch

```
user@DESKTOP-H183UHQ MINGW64 /c/xampp/htdocs/24RP11363_STUDENT_MIS (add-form-branch)
$ git checkout master
M       index.php
Switched to branch 'master'

user@DESKTOP-H183UHQ MINGW64 /c/xampp/htdocs/24RP11363_STUDENT_MIS (master)
$ git merge add-form-branch
Updating cfdc682..972734f
Fast-forward
 registration.php | 95 ++++++++++++++++++++++++++++++++++++++++++++++++++++++++
 1 file changed, 95 insertions(+)
 create mode 100644 registration.php
```

6. Bootstrap integration

```
user@DESKTOP-H183UHQ MINGW64 /c/xampp/htdocs/24RP11363_STUDENT_MIS (master)
$ git branch bootstrap

user@DESKTOP-H183UHQ MINGW64 /c/xampp/htdocs/24RP11363_STUDENT_MIS (master)
$ git checkout bootstrap
M       index.php
M       registration.php
Switched to branch 'bootstrap'
```

7. Commit bootstrap integration with "24RP11363 bootstrap is added"

```
user@DESKTOP-H183UHQ MINGW64 /c/xampp/htdocs/24RP11363_STUDENT_MIS (bootstrap)
$ git add .

user@DESKTOP-H183UHQ MINGW64 /c/xampp/htdocs/24RP11363_STUDENT_MIS (bootstrap)
$ git commit -m "24RP11363 bootstrap is added"
[bootstrap 66657b6] 24RP11363 bootstrap is added
```

8. Merge bootstrap branch to master branch

```
user@DESKTOP-H183UHQ MINGW64 /c/xampp/htdocs/24RP11363_STUDENT_MIS (master)
$ git merge bootstrap
Updating 972734f..66657b6
Fast-forward
 24RP11363_STUDENT_MIS REPORT.docx | Bin 0 -> 240408 bytes
 index.php                          |  50 +++++--------------
 registration.php                   | 101 ++++++++++--------------------------------
 ~$RP11363_STUDENT_MIS REPORT.docx | Bin 0 -> 162 bytes
 4 files changed, 38 insertions(+), 113 deletions(-)
```

9. Remote repository creation

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 *   **Repository name ***

  RegisNk ▾   /   24rp11363-studentmis-rep

    ✓ 24rp11363-studentmis-repo is available.

Great repository names are short and memorable. Need inspiration? How about **symmetrical-robot** ?

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.

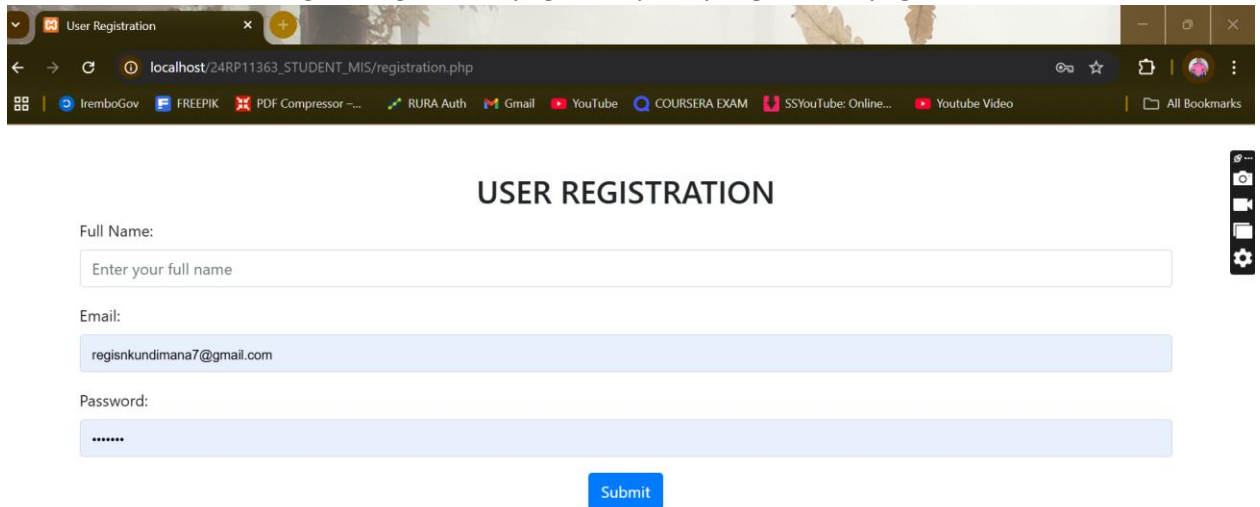10. Dockerization and building docker-compose.yml file with PHP Service named to 24rp11363-php

```yaml
version: '3.8'

services:
  24rp11363-php:
    build:
      context: .  # Context set to the current project folder
    container_name: 24rp11363-php
    ports:
      - "8085:80"  # Expose container port 80 to host port 8085
    volumes:
      - .:/var/www/html  # Mount the project directory to the container's web directory
    networks:
      - webnet

networks:
  webnet:
    driver: bridge
```

```
user@DESKTOP-H183UHQ MINGW64 /c/xampp/htdocs/24RP11363_STUDENT_MIS (master)
$ docker-compose up --build
time="2025-02-06T12:27:11+02:00" level=warning msg="C:\\xampp\\htdocs\\24RP11363_STUDENT_MIS\\docker-compose.yml: the att
ribute `version` is obsolete, it will be ignored, please remove it to avoid potential confusion"
[+] Building 1.1s (1/2)                                                              docker:desktop-linux
 => [24rp11363-php internal] load build definition from dockerfile                                  0.0s
[+] Building 1.9s (11/11) FINISHED                                                   docker:desktop-linux
 => [24rp11363-php internal] load build definition from dockerfile                                  0.0s
 => => transferring dockerfile: 551B                                                                0.0s
 => [24rp11363-php internal] load metadata for docker.io/library/php:8.1-apache                    1.3s
 => [24rp11363-php internal] load .dockerignore                                                     0.0s
 => => transferring context: 2B                                                                     0.0s
 => [24rp11363-php 1/5] FROM docker.io/library/php:8.1-apache@sha256:37d133923b7ca3c8d66290f34adb72318ca9eb4e8a0dc  0.1s
 => => resolve docker.io/library/php:8.1-apache@sha256:37d133923b7ca3c8d66290f34adb72318ca9eb4e8a0dc1052718b6ee72c  0.0s
 => [24rp11363-php internal] load build context                                                    0.0s
 => => transferring context: 3.17kB                                                                0.0s
```

11. Testing web application with google chrome browser: after running Apache and mysql service in Xampp control Pannel, type in url form: http://localhost/24RP11363_STUDENT_MIS/ to display our index file.
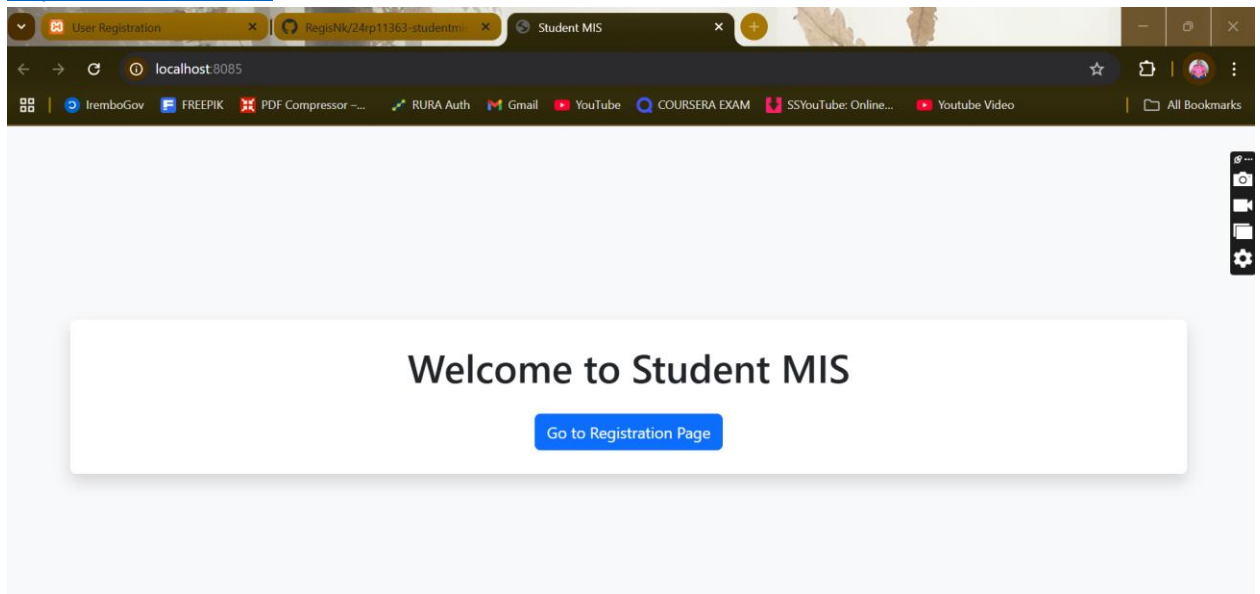
Click to button named " go to registration page" to open up registration page

Access also dockerized web by using Port identified in docker-compose.yml file by typing to url:
http://localhost:8085/

12. Push to GitHub repo: add remote repository url and do push

```
user@DESKTOP-H183UHQ MINGW64 /c/xampp/htdocs/24RP11363_STUDENT_MIS (master)
$ git remote add origin https://github.com/RegisNk/24rp11363-studentmis-repo.git

user@DESKTOP-H183UHQ MINGW64 /c/xampp/htdocs/24RP11363_STUDENT_MIS (master)
$ git push -u origin main
error: src refspec main does not match any
error: failed to push some refs to 'https://github.com/RegisNk/24rp11363-studentmis-repo.git'

user@DESKTOP-H183UHQ MINGW64 /c/xampp/htdocs/24RP11363_STUDENT_MIS (master)
$ git push -u origin master
Enumerating objects: 12, done.
Counting objects: 100% (12/12), done.
Delta compression using up to 12 threads
Compressing objects: 100% (11/11), done.
Writing objects: 100% (12/12), 223.64 KiB | 11.77 MiB/s, done.
Total 12 (delta 0), reused 0 (delta 0), pack-reused 0 (from 0)
To https://github.com/RegisNk/24rp11363-studentmis-repo.git
 * [new branch]      master -> master
```

Checkout in remote repo to see if the web is pushed well

13. Collaboration invitation: send collaboration invitation to : bucyanny@gmail.com
And this can be access via created github pages via **https://regisnk.github.io/24rp11363-studentmis-repo/**

Collaborators

Moderation options

Code and automation

Branches

Tags

Rules

Actions

Webhooks

Environments

Codespaces

Pages

Security

Code security

Deploy keys

Public repository
This repository is public and visible to anyone

Manage

PUBLIC REPOSITORY

This repository is public and visible to anyone.

Manage

DIRECT ACCESS

2 users have access to this repository. 0 collaborators. 2 invitations.

Manage access

Add people

Select all

Type

Find a collaborator...

bucyanny
Awaiting bucyanny's response

Pending Invite