

24RP11363

NKUNDIMANA REGIS

STUDENT MIS REPORT

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
```

Committing changes done in task 3 with "24RP11363, The form is added succesfully"

```
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 succesfully"
[add-form-branch 972734f] 24RP11363, The form is added succesfully
1 file changed, 95 insertions(+)
create mode 100644 registration.php
```

4. 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
```

5. 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'
```

6. 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
```

7. 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(-)
```

8. 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)

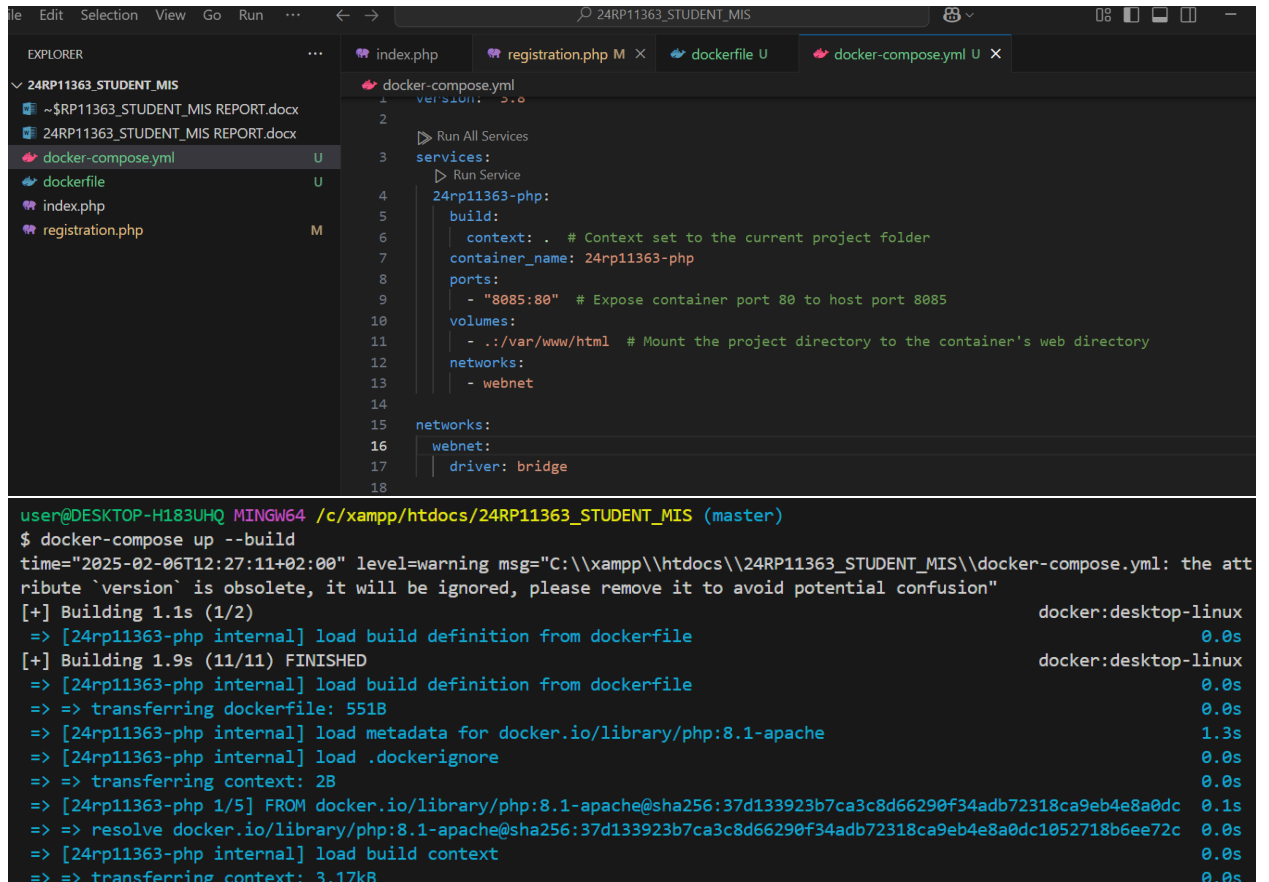
☒  Public

Anyone on the internet can see this repository. You choose who can commit.

☐  Private

You choose who can see and commit to this repository.

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



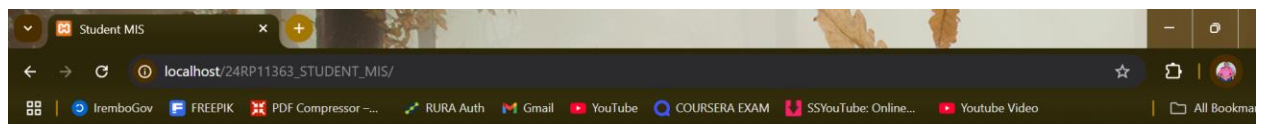
The screenshot shows a VS Code editor with the following files in the Explorer: 24RP11363_STUDENT_MIS, ~\$RP11363_STUDENT_MIS REPORT.docx, 24RP11363_STUDENT_MIS REPORT.docx, docker-compose.yml, dockerfile, index.php, and registration.php. The docker-compose.yml file is open, showing the following content:

```
1 version: '3.0'
2
3 Run All Services
4 services:
5   24rp11363-php:
6     build:
7       context: . # Context set to the current project folder
8     container_name: 24rp11363-php
9     ports:
10      - "8085:80" # Expose container port 80 to host port 8085
11     volumes:
12      - ../var/www/html # Mount the project directory to the container's web directory
13     networks:
14      - webnet
15
16 networks:
17   webnet:
18     driver: bridge
```

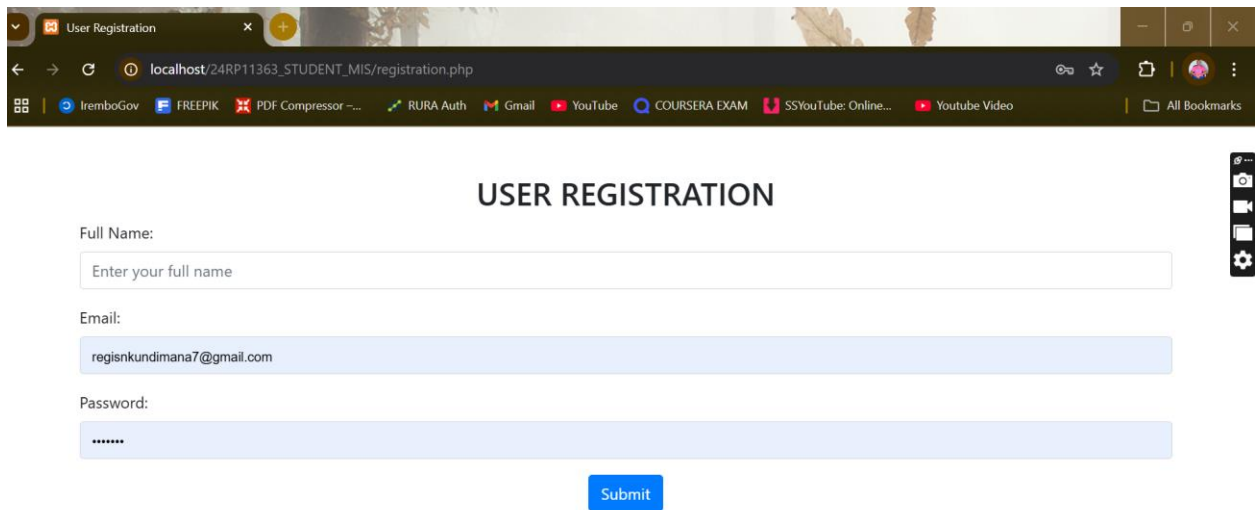
The terminal output shows the command `docker-compose up --build` being executed. The output indicates that the build is successful and the container is running. The message "time='2025-02-06T12:27:11+02:00' level=warning msg='C:\\xampp\\htdocs\\24RP11363_STUDENT_MIS\\docker-compose.yml: the attribute `version` is obsolete, it will be ignored, please remove it to avoid potential confusion'" is displayed. The build process is shown as completed with the following steps:

```
[+] 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
```

10. 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.

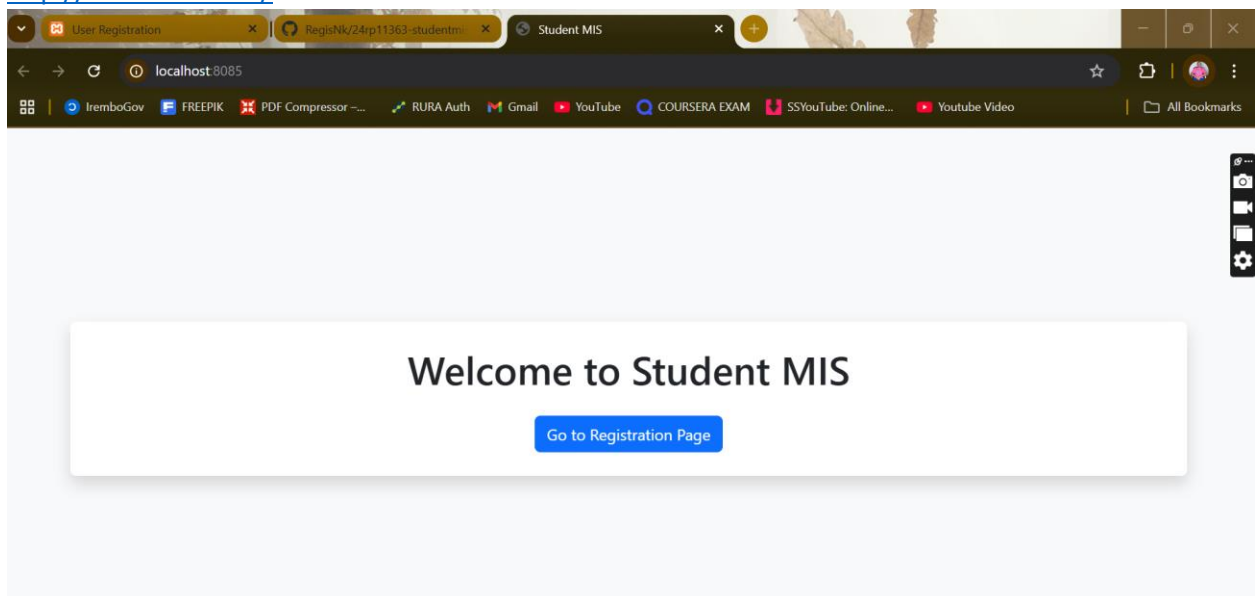


Click to button named “ go to registration page” to open up registration page



The screenshot shows a web browser window with the title "User Registration". The address bar displays "localhost/24RP11363_STUDENT_MIS/registration.php". The browser's bookmark bar includes links to IremboGov, FREEPIK, PDF Compressor, RURA Auth, Gmail, YouTube, COURSEERA EXAM, SSYouTube: Online..., and Youtube Video. The registration form contains three input fields: "Full Name:" with the placeholder "Enter your full name", "Email:" with the value "regisnkundimana7@gmail.com", and "Password:" with masked characters "*****". A blue "Submit" button is positioned below the password field.

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



11. 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

The screenshot shows the GitHub interface for a repository named '24rp11363-studentmis-repo' by user 'RegisNk'. The repository is public and has 1 branch (master) and 0 tags. The commit history shows 3 commits, with the most recent one being '24RP11363 bootstrap is added' 52 minutes ago. The commit message is '24RP11363 bootstrap is added'. The commit details show four files: '24RP11363_STUDENT_MIS REPORT.docx', 'index.php', 'registration.php', and '~\$RP11363_STUDENT_MIS REPORT.docx', all added 52 minutes ago. The repository has no description, website, or topics provided. The right sidebar shows the repository's activity, including 0 stars, 1 watching, and 0 forks. The 'Releases' section shows no releases published, and the 'Packages' section is empty.

12. Collaboration invitation: send collaboration invitation to : bucyanny@gmail.com

The screenshot shows the GitHub repository management interface. On the left is a sidebar with navigation options: Access (Collaborators, Moderation options), Code and automation (Branches, Tags, Rules, Actions, Webhooks, Environments, Codespaces, Pages), and Security (Code security, Deploy keys). The main content area is titled 'Public repository' and states 'This repository is public and visible to anyone'. It includes two summary cards: 'PUBLIC REPOSITORY' (visible to anyone) and 'DIRECT ACCESS' (2 users have access, 0 collaborators, 2 invitations). Below these is the 'Manage access' section, which is highlighted with a yellow circle. This section contains a 'Select all' checkbox, a search bar 'Find a collaborator...', and a list of collaborators. One collaborator, 'bucyanny', is listed with a green checkmark icon, the text 'Awaiting bucanny's response', and a 'Pending Invite' status. An 'Add people' button is located at the top right of the 'Manage access' section.

Access

- 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 bucanny's response

Pending Invite

Thanks!