GitHub Actions

1. First create new repository on github or use exiting repository. I created new instalation for laravel app, and push to github.
   Then we are going to create new **github workflow** open you repository and navigate to *actions* and chooes you **workflow** based on application type.
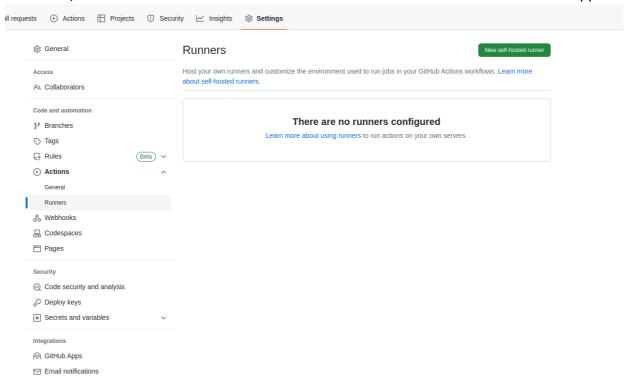
Create workflow.yml file with the folowing content. Ad Commit directly to the **main** branch.

```
name: Laravel

on:
push:
    branches: [ "main" ]
pull_request:
    branches: [ "main" ]

jobs:
laravel-tests:

    runs-on: ubuntu-latest

    steps:
    - uses: actions/checkout@v3
    - name: Copy .env
    run: php -r "file_exists('.env') || copy('.env.example', '.env');"
    - name: Update Composer
    run: composer update
    - name: Install Dependencies
    run: composer install
    - name: Generate key
    run: php artisan key:generate
    - name: Directory Permissions
    run: chmod -R 777 storage bootstrap/cache
```

Workflow file for this run

.github/workflows/laravel.yml at 21043f8

```
1   name: Laravel
2
3   on:
4     push:
5       branches: [ "main" ]
6
7   jobs:
8     laravel-tests:
9       runs-on: ubuntu-latest
10
11      steps:
12      - uses: actions/checkout@v3
13      - name: Copy .env
14        run: php -r "file_exists('.env') || copy('.env.example', '.env');"
15      - name: Install Dependencies
16        run: composer install -q --no-ansi --no-interaction --no-scripts --no-progress --prefer-dist
17      - name: Generate key
18        run: php artisan key:generate
19      - name: Directory Permissions
20        run: chmod -R 777 storage bootstrap/cache
21
22
23
```

2. We have to **Create self-hosted runner** navigate to settings / actions and click Runners from left side menu, and than click on the button **New self-hosted runner** to create runner for the app.

Chooes your OS and run the lollowing commands on you VPS/localhost to create new runner
! github action

Download

```
# Create a folder
$ mkdir actions-runner && cd actions-runner# Download the latest runner
package
$ curl -o actions-runner-linux-x64-2.303.0.tar.gz -L
https://github.com/actions/runner/releases/download/v2.903.0/actions-
runner-linux-x64-2.303.0.tar.gz# Optional: Validate the hash
$ echo "e4a9fb721c1a156eb5d5333232d0cd62e06bec2fd2b321600e85ac914a9cc73
actions-runner-linux-x64-2.303.0.tar.gz" | shasum -a 256 -c# Extract the
installer
$ tar xzf ./actions-runner-linux-x64-2.303.0.tar.gz
```

Configure

```
# Create the runner and start the configuration experience
$ ./config.sh --url https://github.com/darevski1/happy_card --token
ADT6VXPPE5ASDASDASD3EI6QMU# Last step, run it!
$ ./run.sh
```