

Frontendgang, interfacing tool for web developers and UI/UX designers.

Introduction :

- This web interface is introduced by aiming of building web developers having industry ready skillsets.
- To achieve this, a medium will be required through which web developers and UI/UX designers can directly interact with each other and can share their work together.
- We can use some strategies which will help developers to develop more interest in this domain so that they will get more real world experience.

Problem Statement :

- To develop interface between web developers and UI/UX designers for their effective learning

Main Objectives :

- To provide interface between web developers and UI/UX designers.
- Taking designs or work samples from UI/UX designers and assigning them to web developers as challenges.
- Planning strategies to encourage UI/UX designers to share their designs / work samples.
- To provide real world challenges to web developers and help them to gain more real world experience.

Literature Survey :

- According to Google there are about 27.7 million web developers and according to LinkedIn there are about 1 million UI/UX designers present in globe. But still Industry is not satisfied with web developers, as there is imbalance between web developers and UI/UX designers.
- We found some industry expectations from web developers, as follows:
 1. Web developers should have hands on experience in user interface.
 2. Web developers should write well desired, testable, efficient code.
 3. Stay plugged into emerging technologies or industry trends.
- We also found some problems faced by web developers, as follows:
 1. Choosing right platforms and framework.
 2. Not friendly to new UI/UX plugins, lack of knowledge about user interface.
 3. Creating scalable product.
 4. Security threats.
- **Conclusion :** The demand for intuitive and user-friendly interfaces in web development is increasing at a fast pace. When it comes to the development of a successful web app, there are several factors determining it.
- To overcome all problems it is necessary to have proper balance between Web developers and UI/UX designers and this is achieved majorly in their learning phase.
- But there is no any interface on web which accepts work from users / designers, allocate them to web developers as challenges and encourage them to do so.

Proposed work:

- This project mainly focuses on providing interface which is responsible for maintaining proper balance between web developers and UI/UX designers.
- In this project we are accepting work samples or designs from UI/UX designers and allocate them to web developers.
- As per strategy, If work got selected then respective person will be eligible for 60 days challenge, In which if their challenge got more than 9 submissions then the person will be appreciated with a challenger certification and if more than 49 then the person will get exciting rewards also.
- After solving challenges, user will get some score according to level of the respective challenge, In accordance with this score the person will be eligible for certifications.
- The provision of rewards and certifications encourage users for further improvements or gaining more experience.

Technology Used :

1. HTML
2. CSS
3. JS
4. PHP
5. Database : MYSQL
6. JQUERY
7. Framework : Bootstrap
8. Libraries : fpdf, SMTP.
9. Payment gateway : Razorpay

Applications:

- The project provides a well balanced interface between web developers and UI/UX designers .
- The project helps web developers to gain experience on real world challenges.
- The provision of rewards and certifications encourage users for further improvements and beginners to develop their interests.
- The project helps to create industry expected web developers.

References :

- <https://google.com>
- <https://www.linkedin.com/>
- <https://theme-vision.com/5-common-challenges-faced-by-web-developers/>

How to Install :

1. Download all files and save to your working directory.
2. Import database in phpmyadmin from (Files)
frontendgang/database/Frontendgang_database.txt
3. Open code and update database credentials
frontendgang/partials/dbconnect.php
4. Open project on your search engine / run project, after successfully opened search
for setup or click below
<http://localhost/frontendgang/setup/>
Do Login with following credentials.
Email address – try25@try25.com
Password – try25
5. Fill following things to complete setup -
 - **Verification Email address*** - You will Need this for sending verification emails for signup and forgot password.
 - **Verification Email password*** – Password for above email.

Note – try to add email having gmail.com domain or @gmail.com at end,

Change your account settings

<https://myaccount.google.com/security>

**2-step verification must be off,
enable less secure apps access.**

If you wanted to add emails of other domain then you have to make changes in code accordingly.

- **Razorpay Key*** – You will get this key on <https://razorpay.com/>
Do login to your razorpay account -> Settings -> API Keys -> Generate key -> Copy that key id and paste it
 - **Company Name*** – Write name of your company.
 - **Small description about transaction** – Small description about payment .
 - **Company Logo Url** – Company logo URL.
6. Create your account by filling that signup form.
 7. Verify your email.
 8. Fill your bio form, enjoy setup completed!
 9. Admin Panel : From here you can manage all activities. i.e. add challenge, delete challenge, etc.
<http://localhost/frontendgang/admin/>
 10. Enjoy learning !