

## 1. Lab-7 UserSystem+Blueprints

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# Lab-7 UserSystem+Blueprints

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1. Refactor project to work with Blueprints.
2. Add Registration and Login forms and models.
3. Make routes to work with forms and models.
4. Validate forms(Registration: check if user exist, email, password match; Login: check if user exist, password match with db).

### Project Structure



### Example of `__init__.py` file with Blueprint

```
from flask import Blueprint

users_bp = Blueprint('users_bp', __name__,
template_folder="templates/users")
```

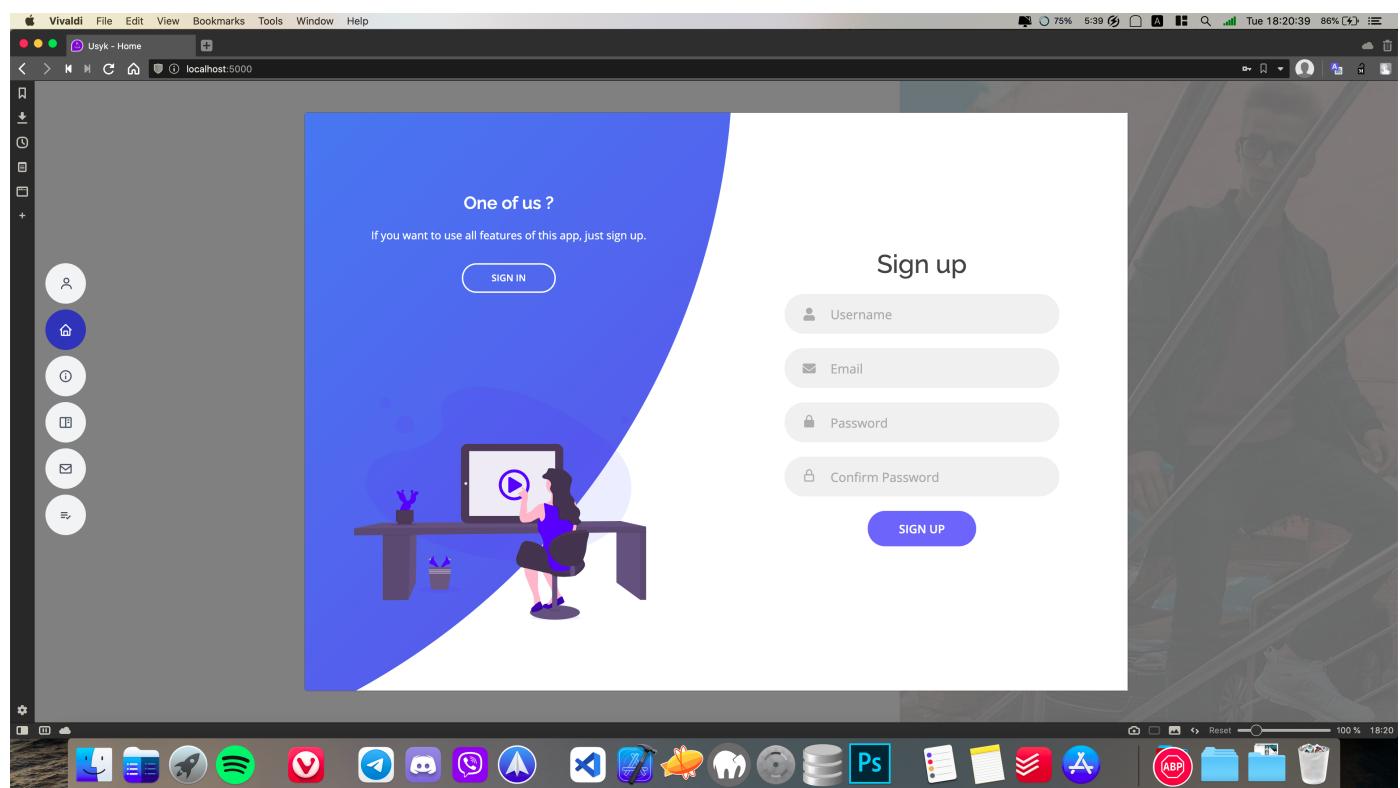
#### Example of `views.py` file with Blueprint

```
# Imports
import json
from app.users import users_bp
from flask import render_template, request

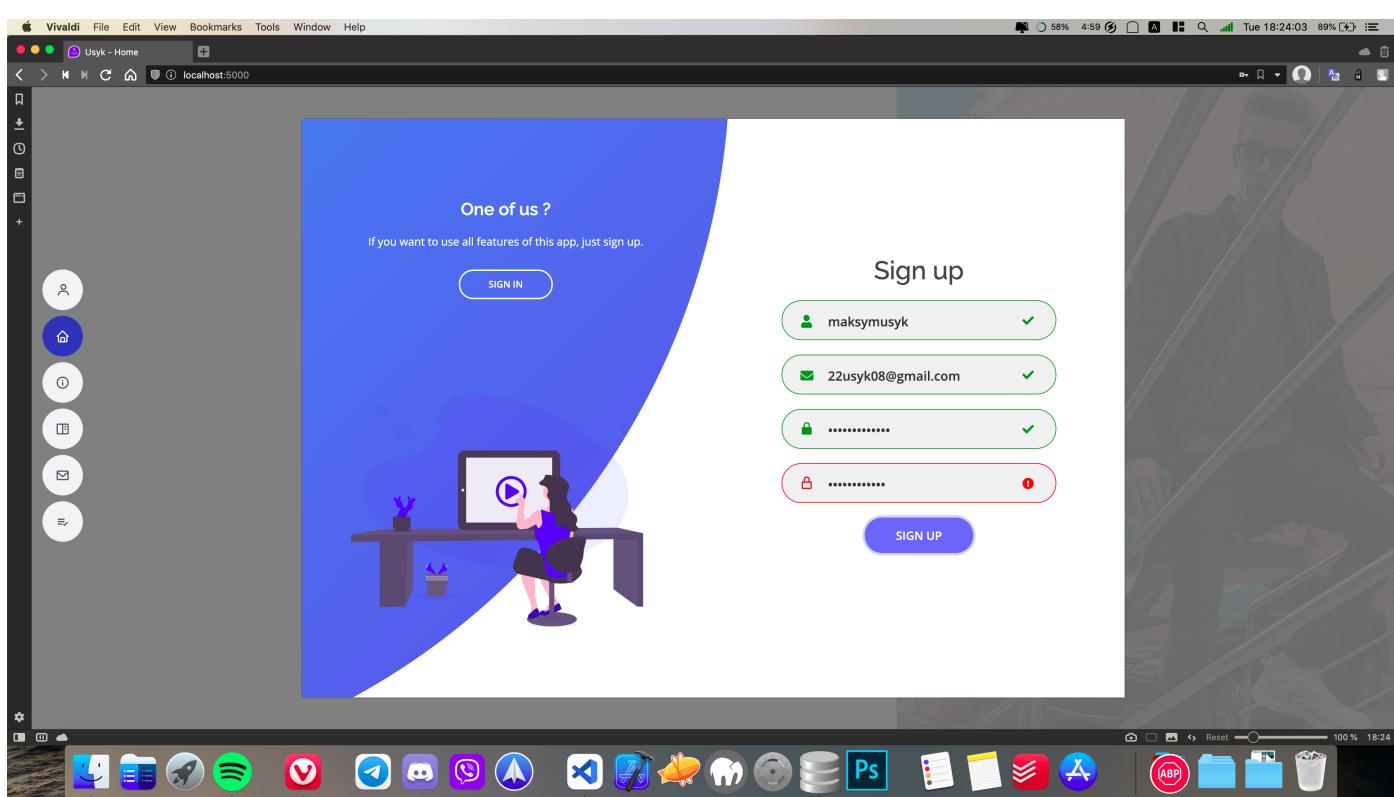
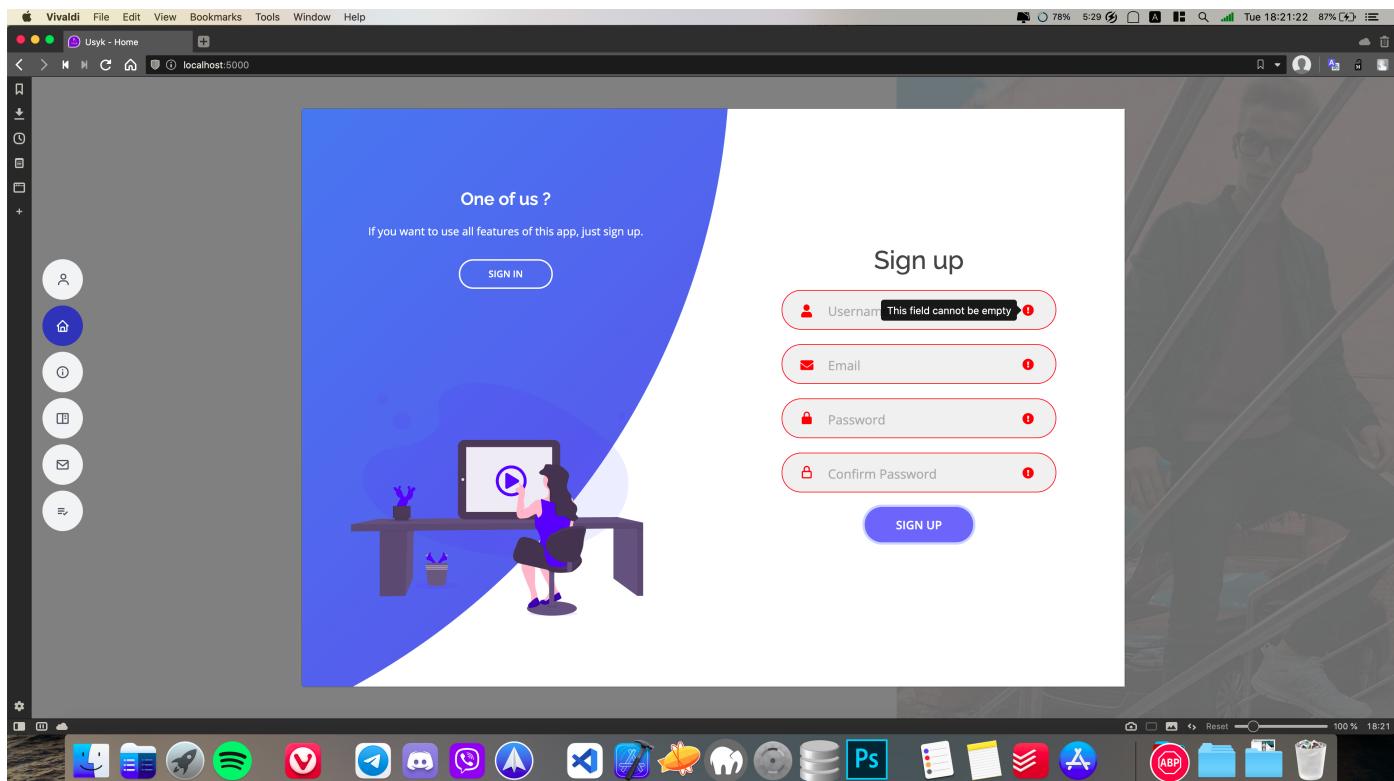
from .forms import *
from .models import *

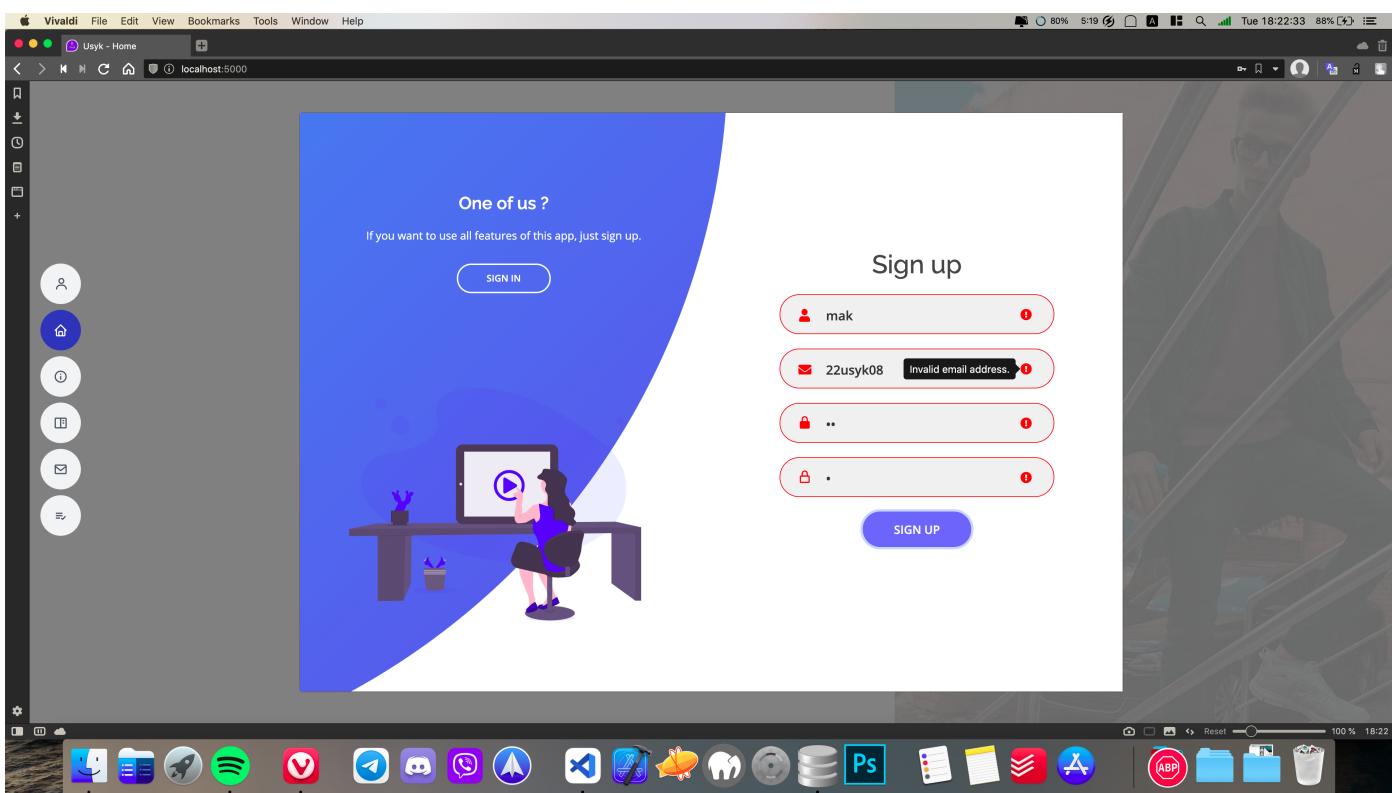
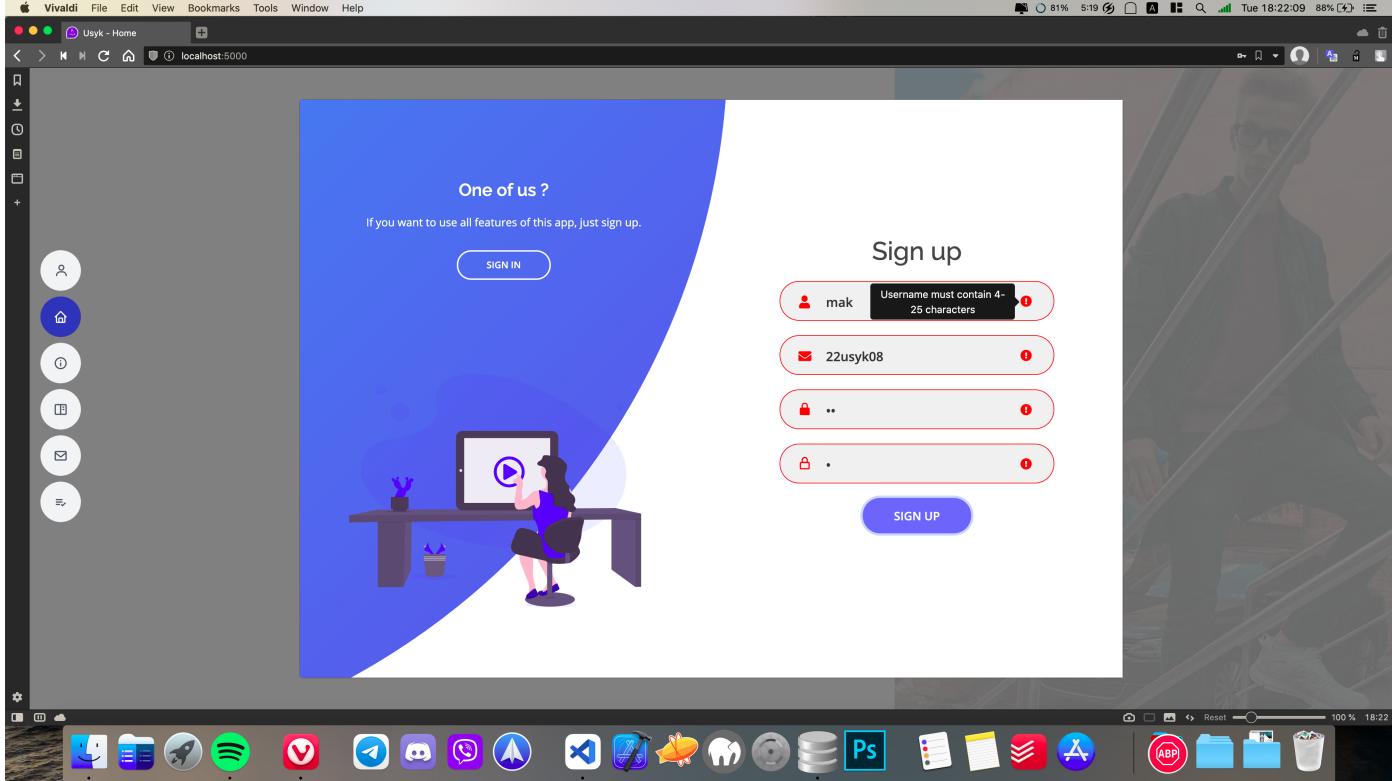
...
# Routes
@users_bp.route("/signup", methods=["GET", "POST"], endpoint='register')
@users_bp.route("/signin", methods=["GET", "POST"], endpoint='login')
@users_bp.route("/user_form", methods=["GET"], endpoint='user_form')
@users_bp.route("/user")
...
...
```

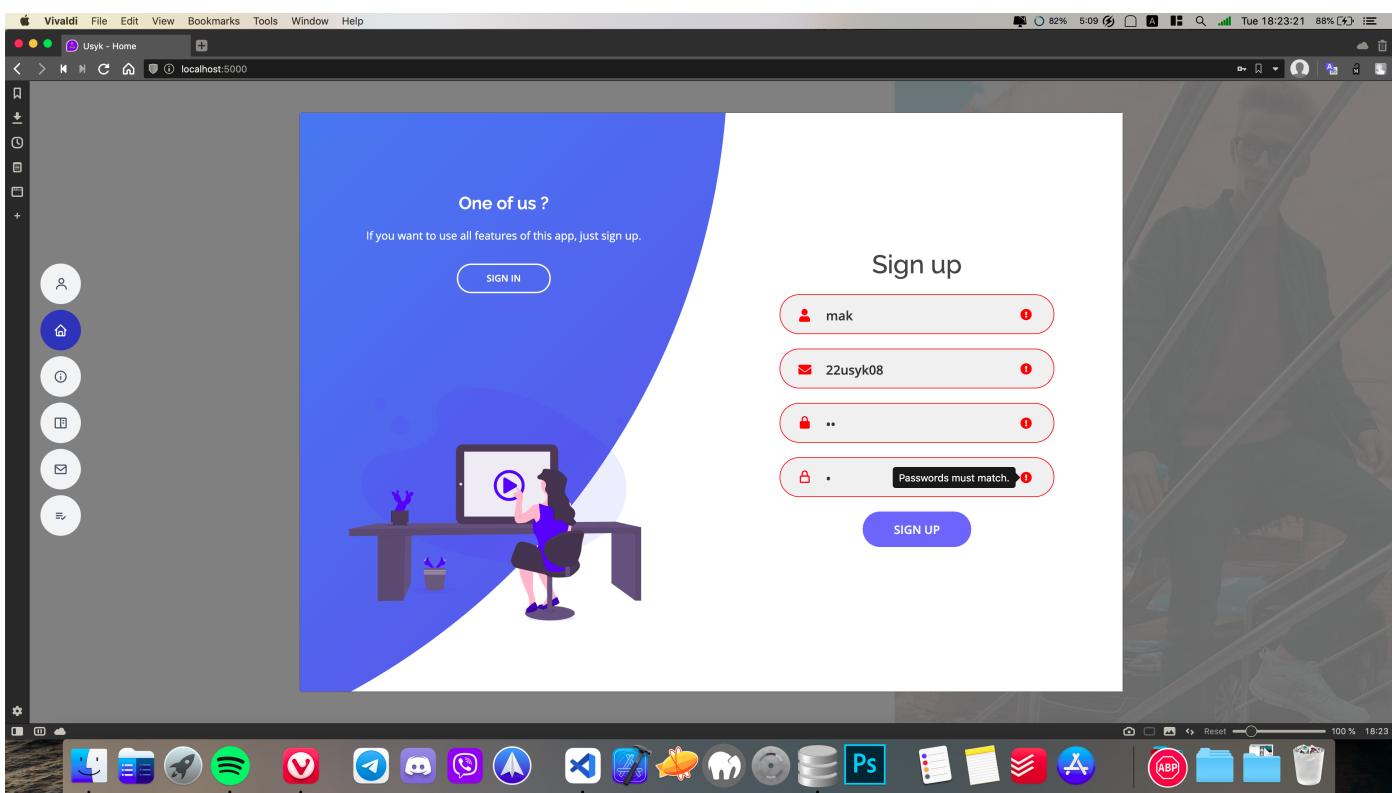
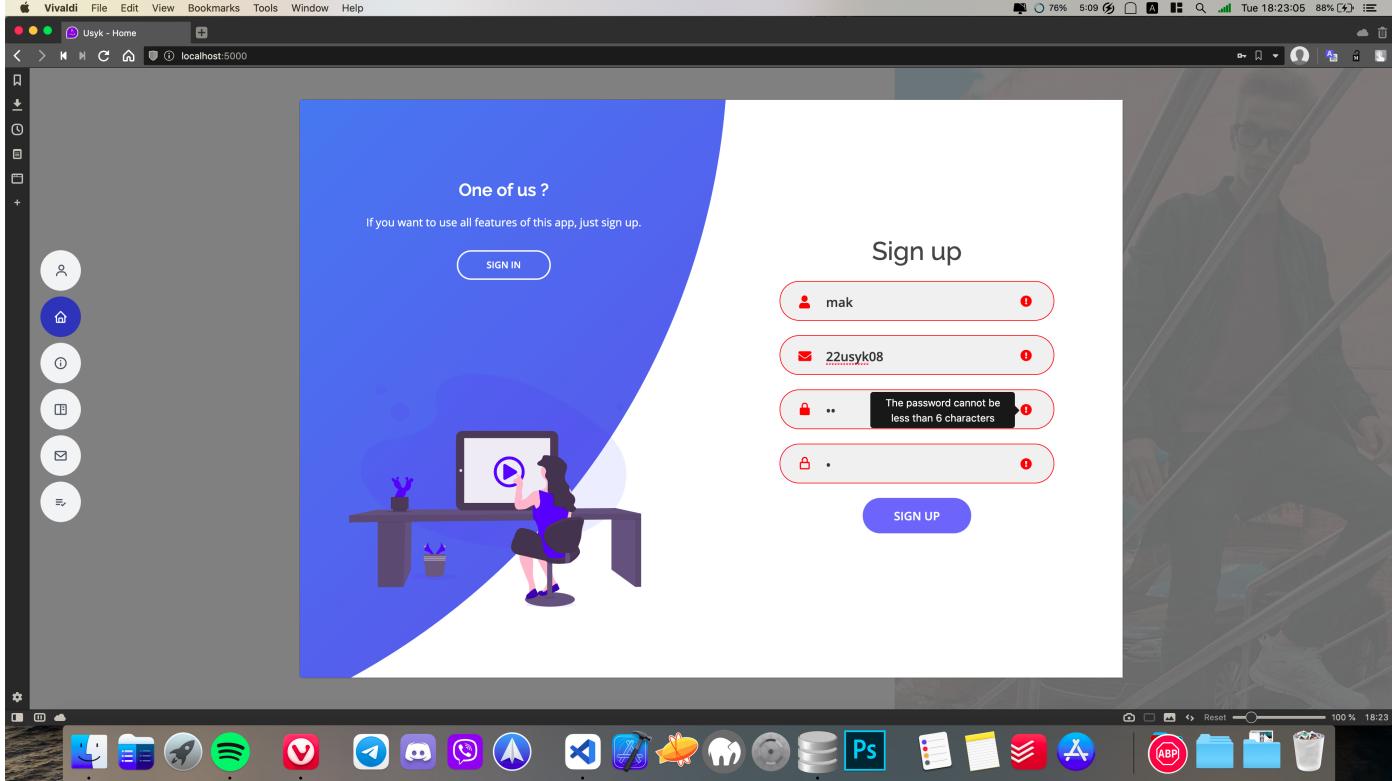
#### Sign up form

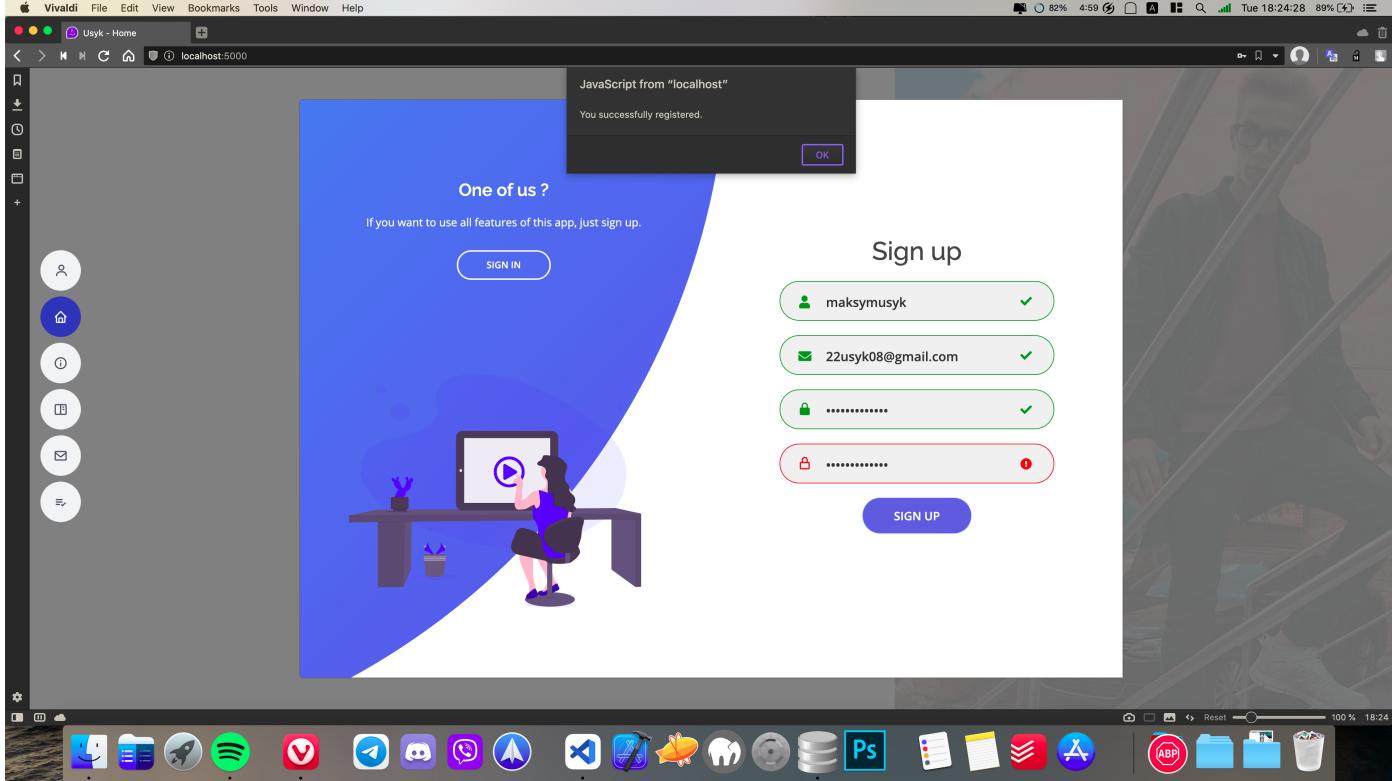


## Sign up form validation overlook

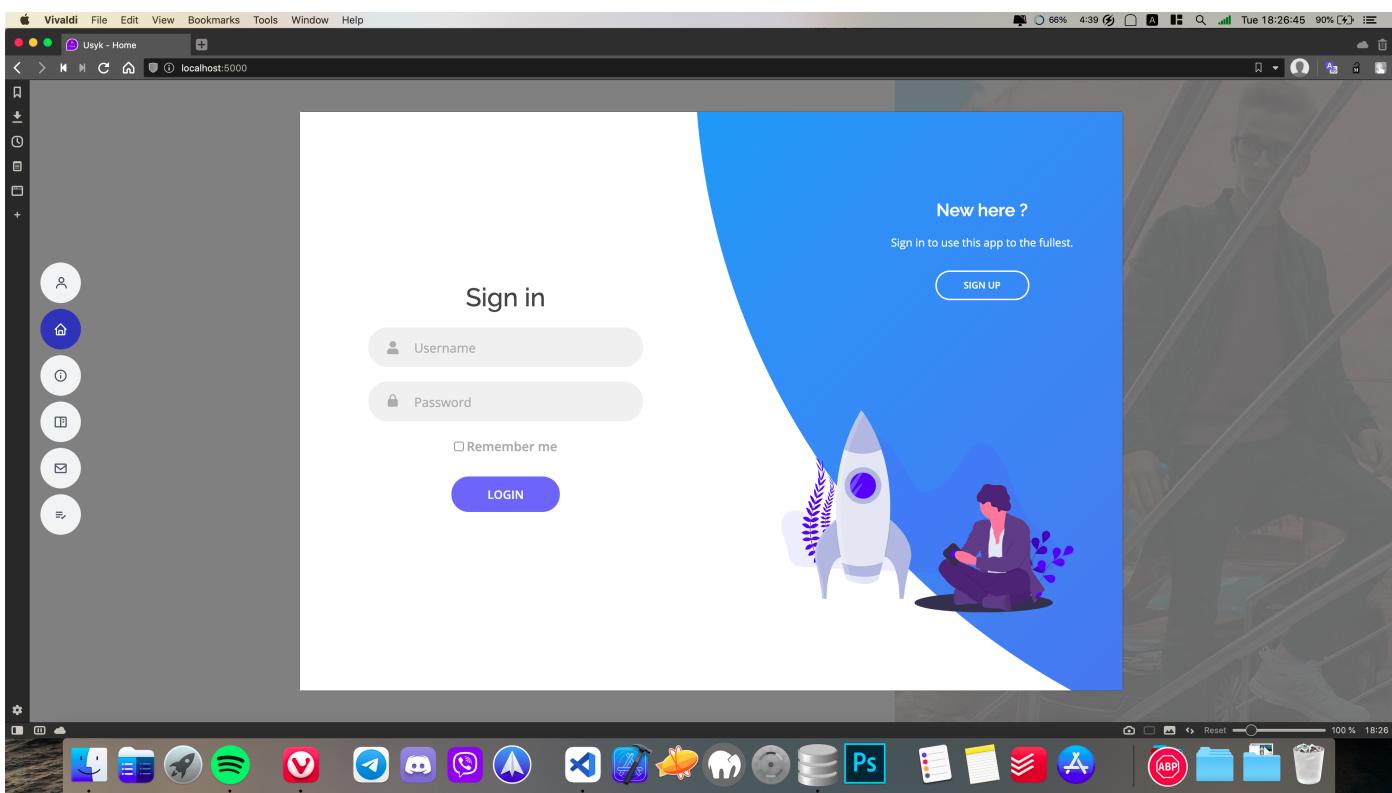








## Sign in form



## Sign up form validation overlook

