

EXPERIMENT NO. 3

MAD and PWA Lab

Aim:

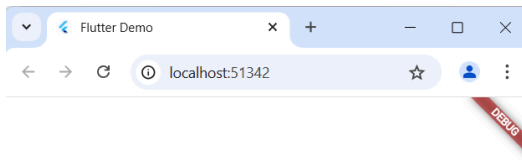
To include icons, images, and fonts in a Flutter app.

Basic Description:

In our Flutter Login Screen (inspired by Instagram), we demonstrated the use of icons, images, and fonts:

- **Icons:**
Used the eye icon for password visibility toggle via FontAwesomeIcons. Icon colors and sizes were customized using `color:` and `size:` properties. The `uses-material-design: true` line was enabled in `pubspec.yaml` to allow icon usage.
- **Images:**
Used `Image.asset()` for local PNG images. Assets were placed in an `assets/` folder and declared in `pubspec.yaml`. `Image.network()` can also be used for online images. The displayed image used a height of 30 pixels and white (`primaryColor`) from `colors.dart`.
- **Fonts:**
Used Helvetica Neue as a custom font throughout the app. Fonts were added in the `fonts/` directory and registered in `pubspec.yaml`. Applied globally via `ThemeData(fontFamily: ...)`.

Screenshots:



Login

Login into your account for buying new shoes

[Forgot Password ?](#)

Login

Don't have a account ? [Create one](#)

Icons:

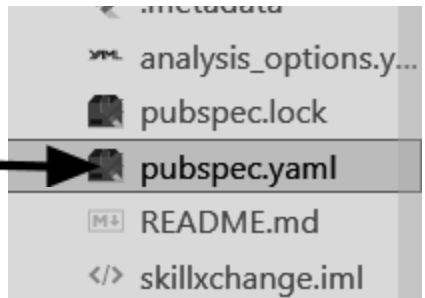
```
suffixIcon: Icon(  
  Icons.remove_red_eye,  
  color: Color.fromARGB(255, 84, 83, 83)  
) , // Icon
```

Images:

```
children: [  
  SizedBox(  
    height: 100,  
    width: 100,  
    child: Center(child: Image.asset("assets/key.png")),  
  ],
```

Fonts:

```
fonts:  
  - family: Helvetica  
    fonts:  
      - asset: assets/fonts/Helvetica.ttf
```

pubspec.yaml

```
analysis_options.y...  
pubspec.lock  
pubspec.yaml  
README.md  
skillxchange.iml
```

```
# To add assets to your application, add an assets section, like this:  
assets:  
  - assets\logo.png  
  - assets\key.png  
#   - images/a_dot_ham.jpeg
```

Conclusion:

We successfully implemented icons, images, and custom fonts to design a Flutter login screen UI, improving its visual and functional appeal.

GitHub Link

<https://github.com/brijeshforcollege/flutter>