



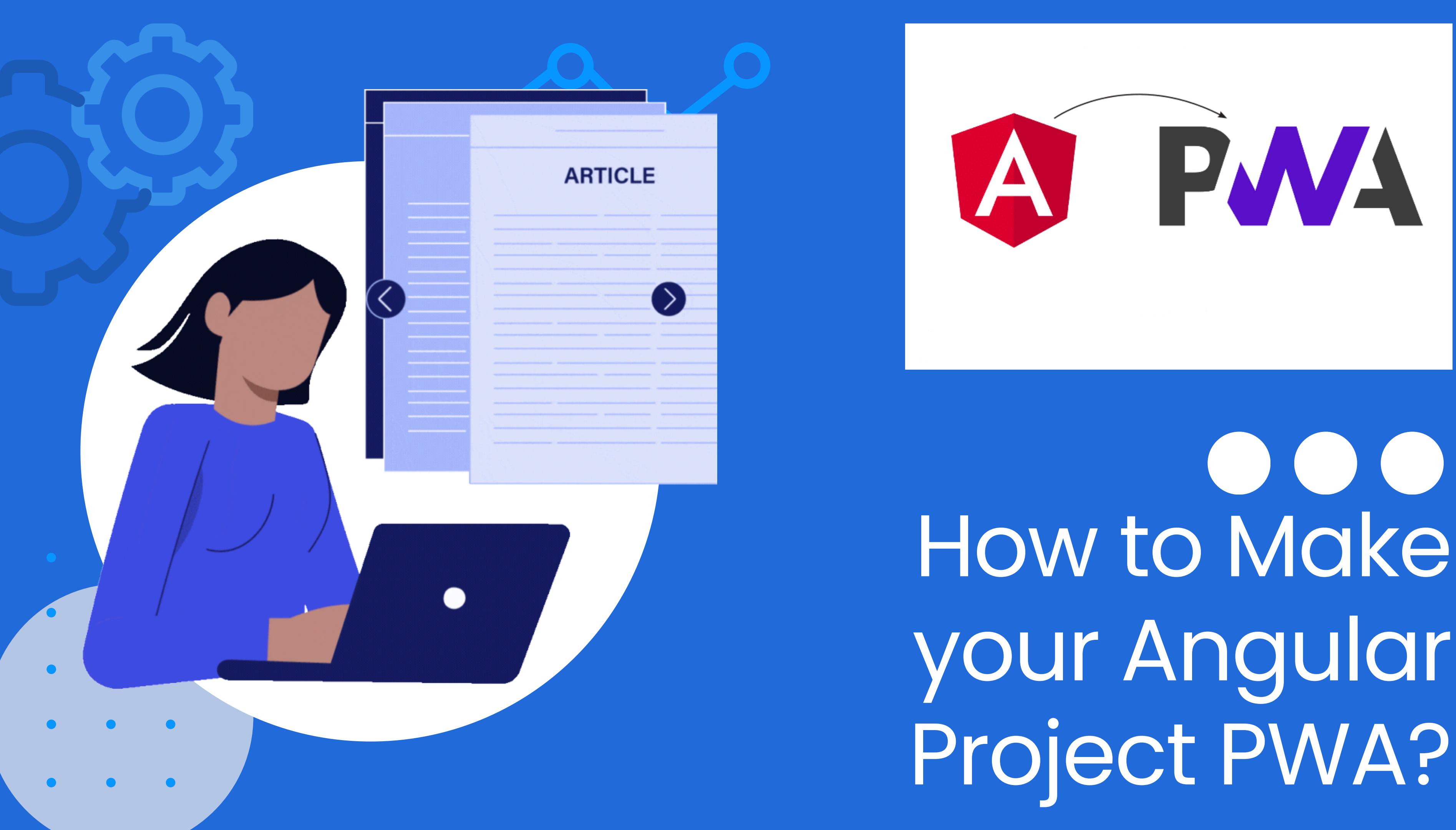
# Who is Mark Lowel Montealto?



<STUDEVPHL>

Angular PH





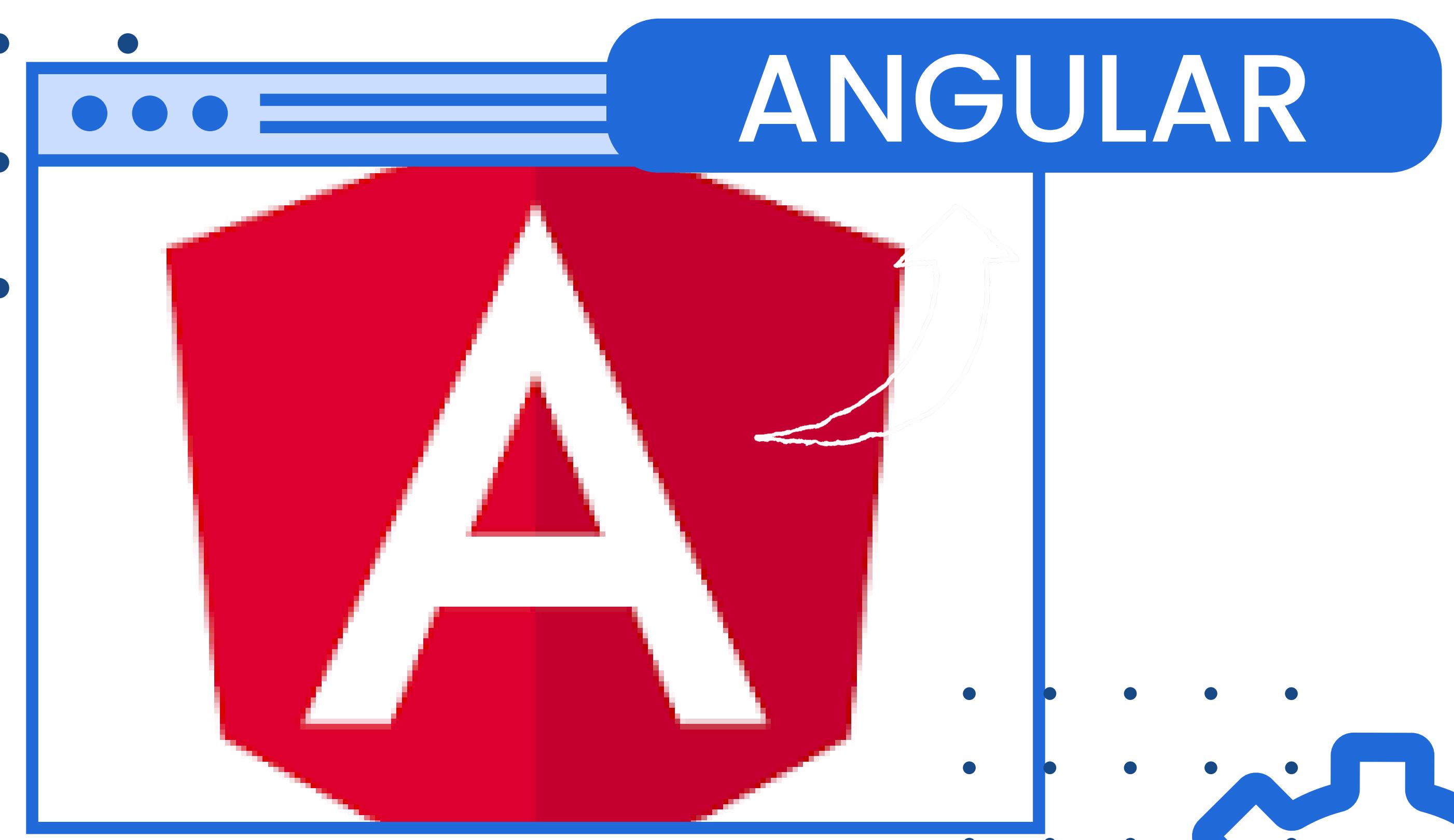
# How to Make your Angular Project PWA?

# TOPICS

- Brief Introduction to Angular
- What is a Progressive Web App (PWA)?
- Getting Started with Angular PWA
- Building the Angular PWA

01

Introduction to Angular

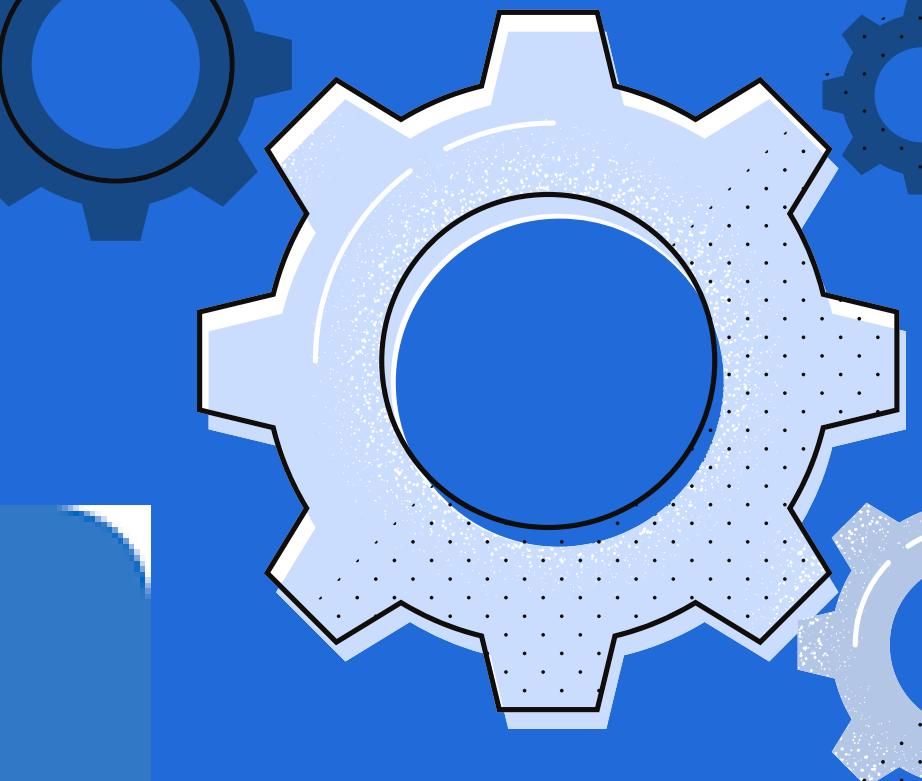


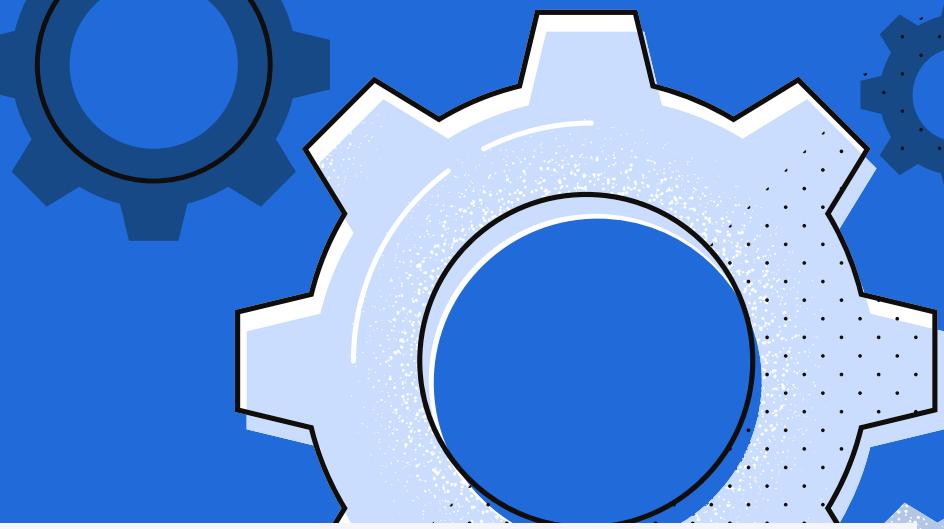
# ANGULAR



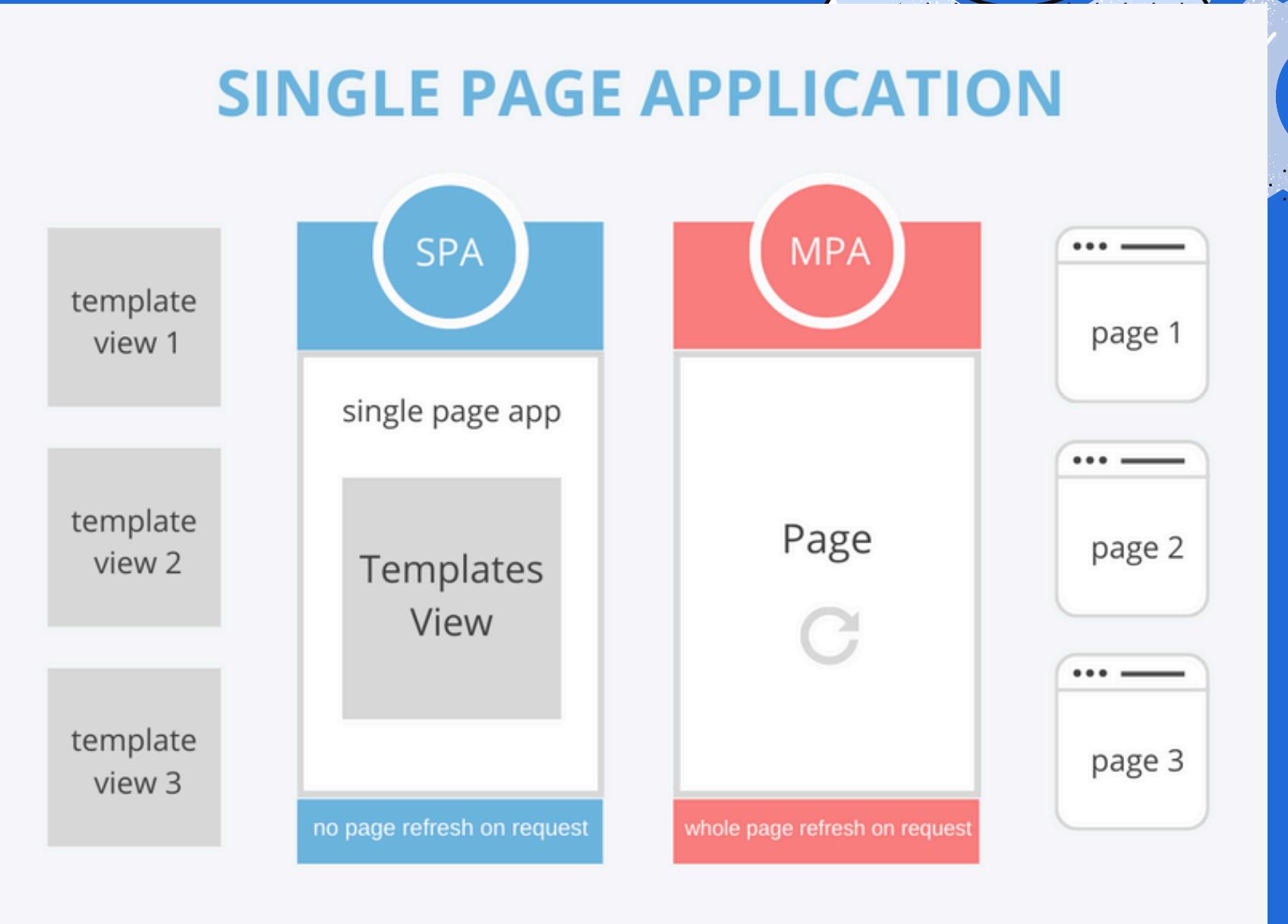


A large, bold, white text "TSI" is displayed on a blue rectangular background. The letters are outlined in white and have a slight shadow effect.

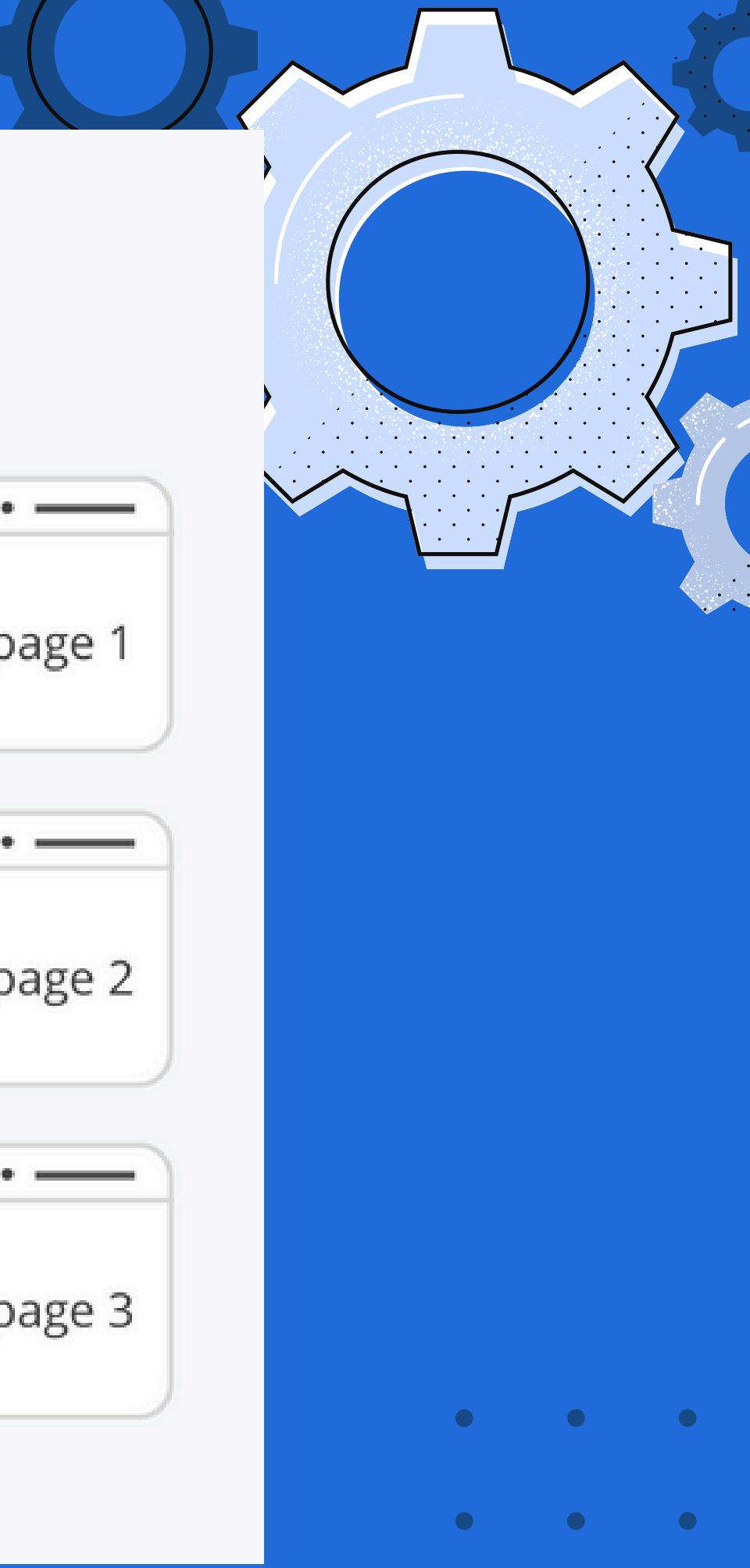
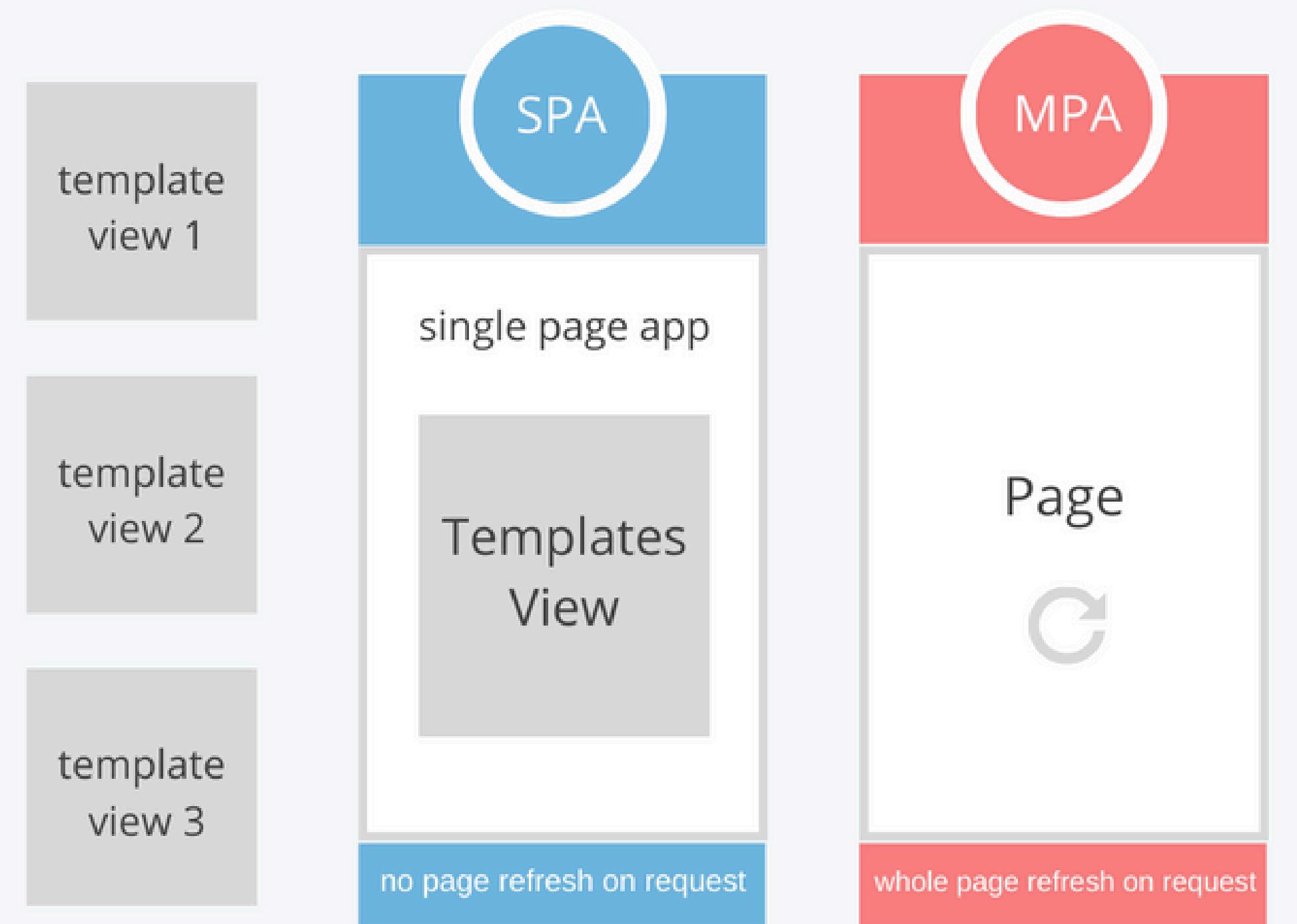




## SINGLE PAGE APPLICATION

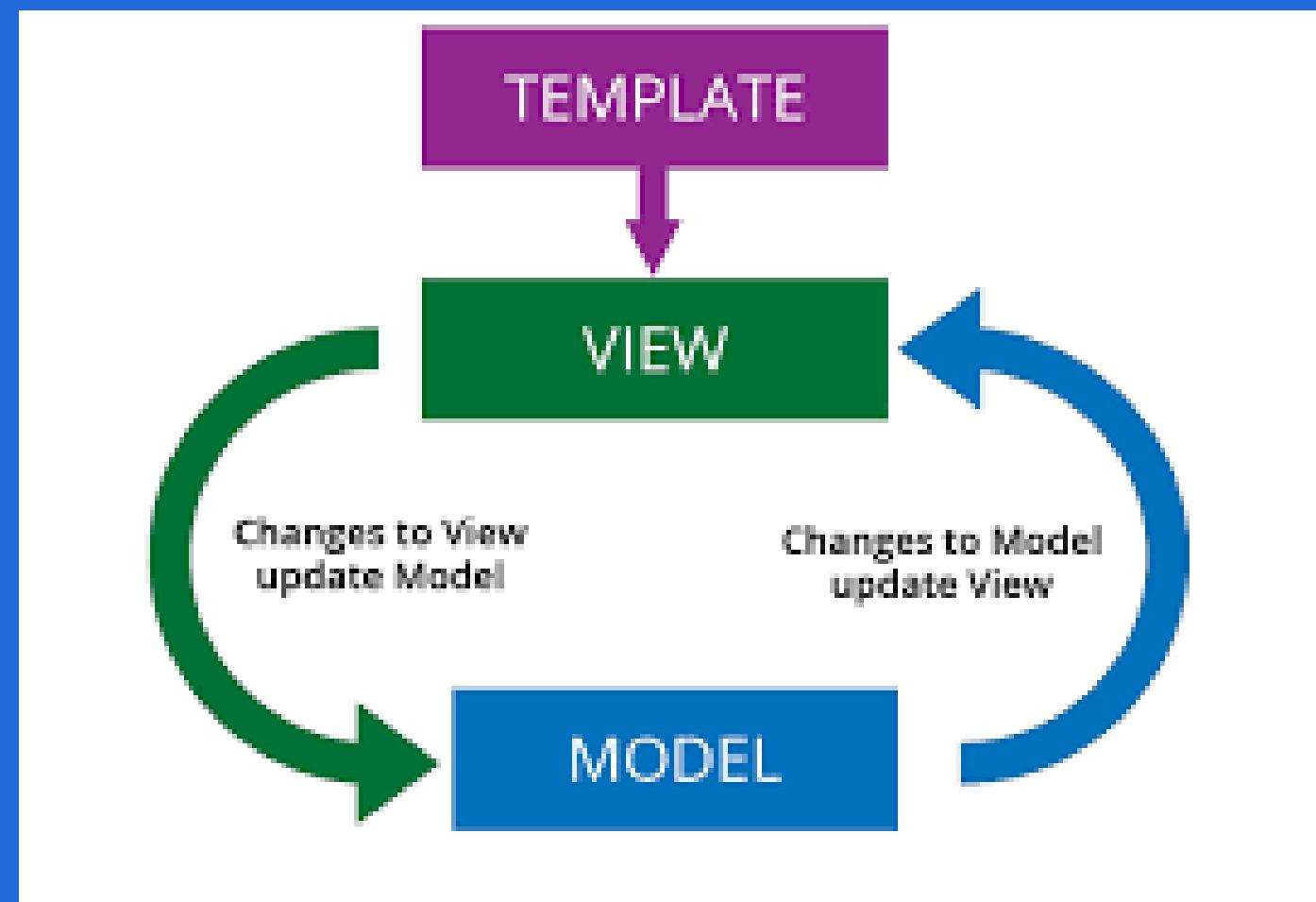


# SINGLE PAGE APPLICATION

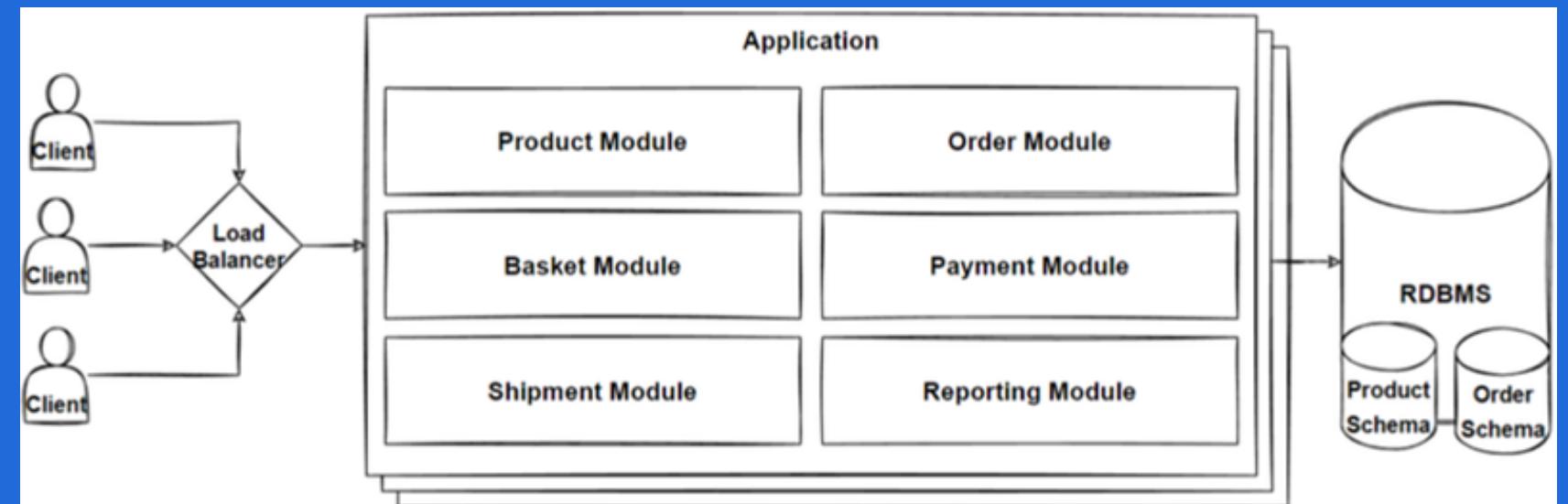


# Key features of Angular

## Two Way Data Binding

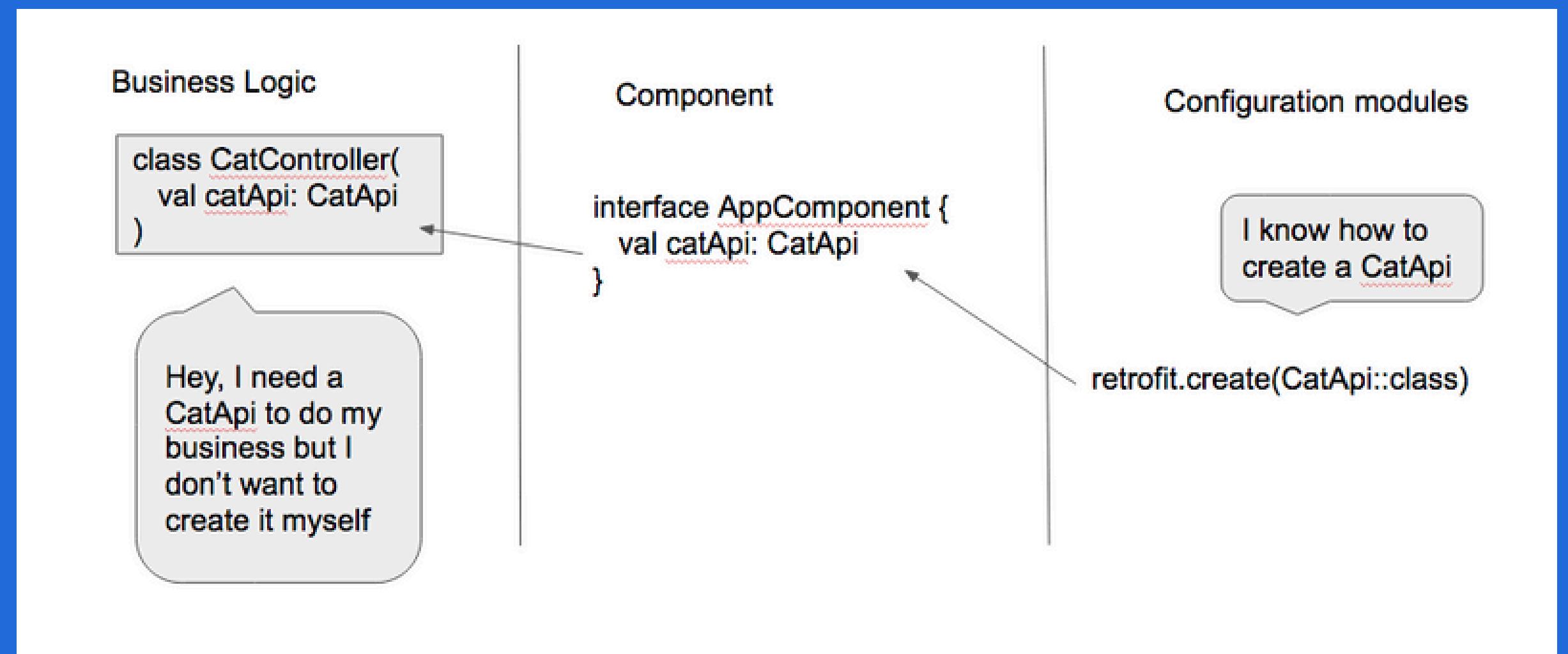


## Modular Architecture



# Key features of Angular

## Dependency Injection

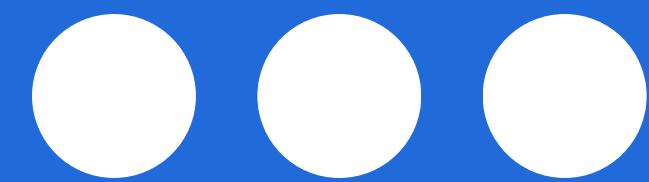


and more...



02

What is a Progressive  
Web App (PWA)?



# PWA

## PROGRESSIVE WEB APP





# WHAT IS PWA?



# PROGRESSIVE WEB APP



Built using web  
technologies

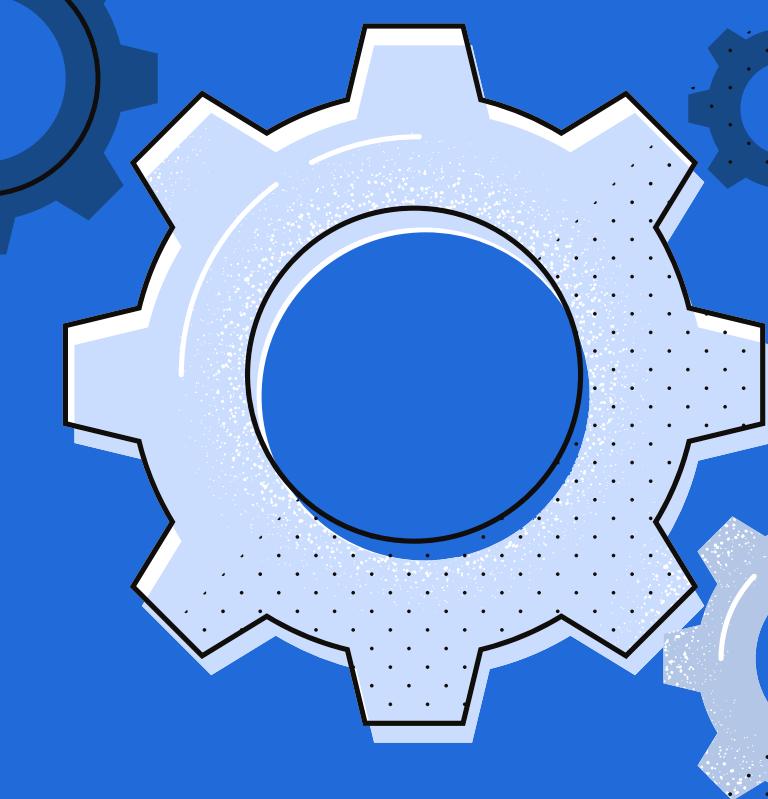
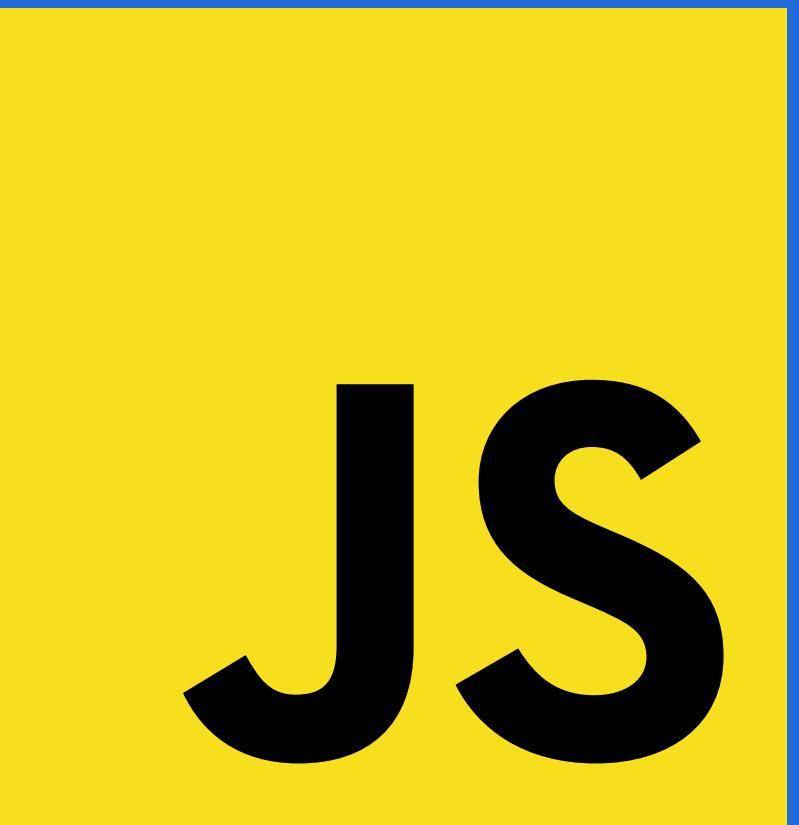


Cross Platform

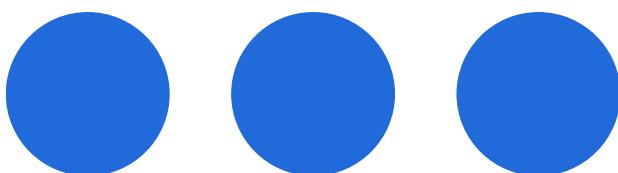
# WHAT IS THIS THREE?



**CSS**



# PROS OF PWA



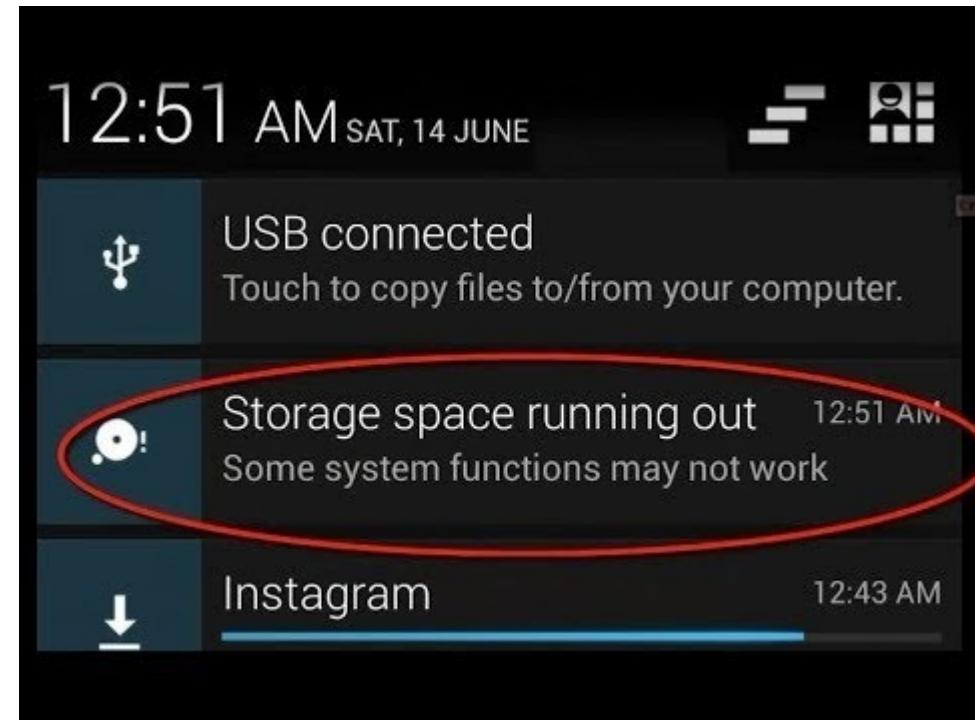
Can run offline



Cross Platform



No need to install



No more storage problem

03

Getting Started with Angular  
PWA

# UNDERSTANDING SERVICE WORKERS

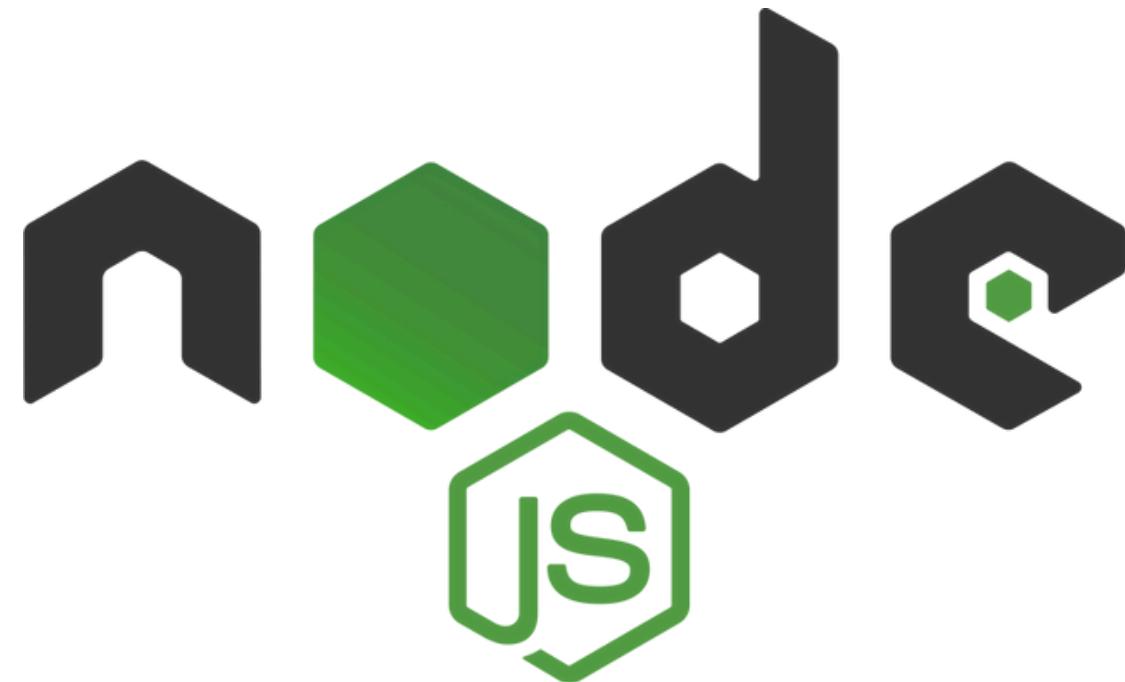


# WHAT IS SERVICE WORKERS?

# ANGULAR CLI SETUP



# ANGULAR CLI REQUIREMENTS



NodeJS

Note\* Version 18.13.0 <=

npm i -g @angular/cli

04

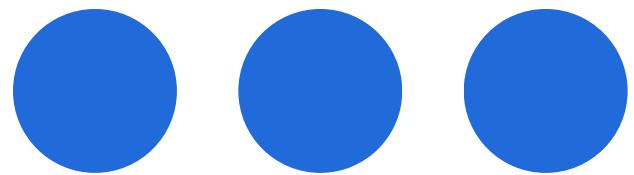
Building Angular PWA

# CONNECT WITH ME



SCAN ME

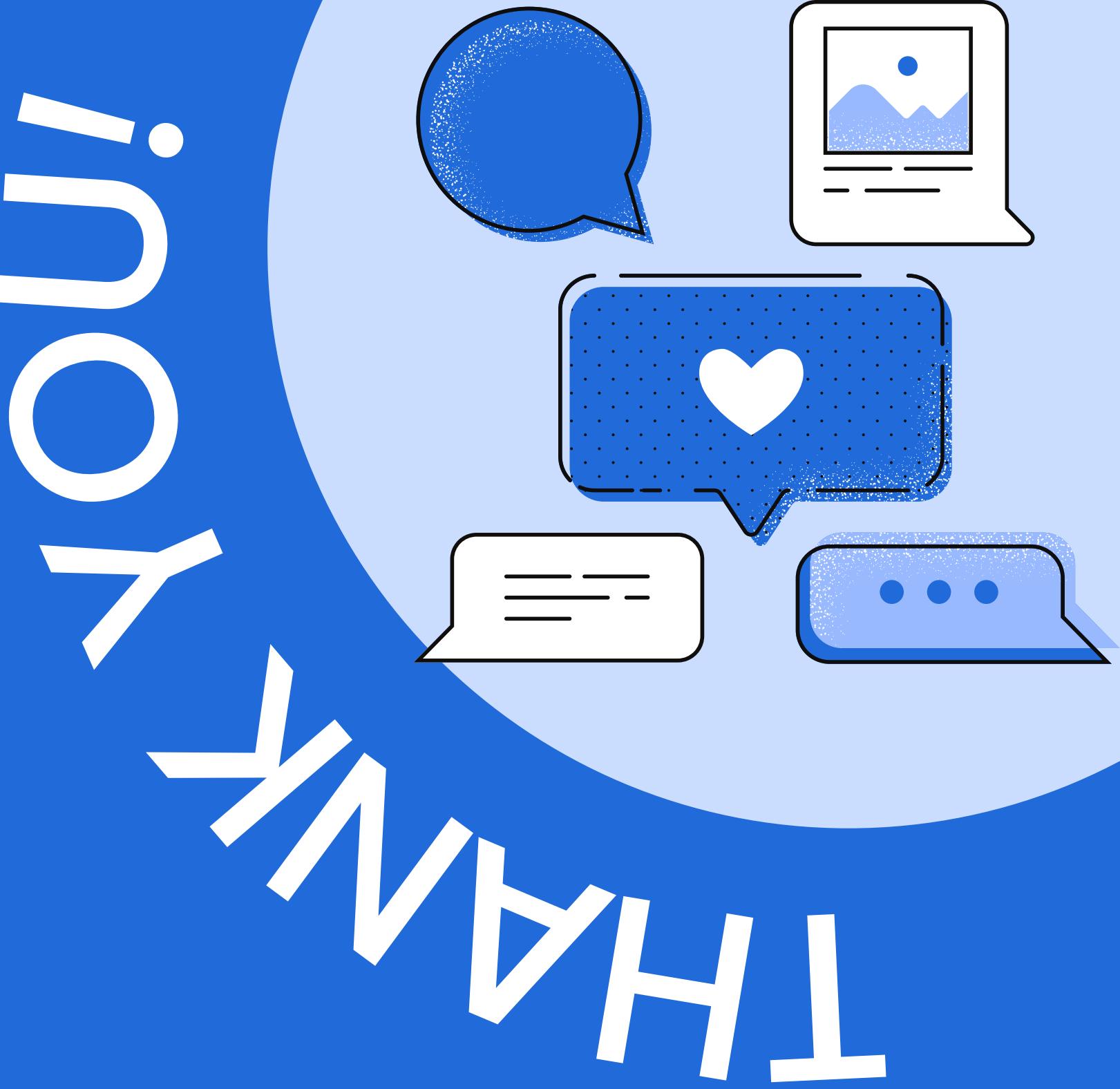
GIVE ME A FEEDBACK



THANK  
YOU!

A large smartphone is the central focus, displaying a video player interface with a play button, a progress bar, and a comment bubble icon. Four stylized human figures are interacting with the phone: a man kneeling at the bottom left, a woman standing on the left holding a speech bubble, a man standing on the right holding a speech bubble, and a man sitting on the bottom left holding a speech bubble.

YOU!  
THANK

A large blue speech bubble shape contains the word "YOU!". To its right is a large white speech bubble containing the word "THANK". Above the blue speech bubble are several smaller icons: a laptop screen showing a landscape, a blue speech bubble with a dotted pattern, a blue speech bubble with a white heart, a white speech bubble with horizontal lines, and a blue speech bubble with three dots.