# CHECKLIST PROYECTO APLICACIÓN CON TECNOLOGÍA WEB

## TECNOLOGÍA WEB

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| --- | --- | --- | --- |
| Elemento | Nombre |  | Check |
| Frontend | HTML, CSS, JavaScript, TypeScript |  |  |
| Frameworks | Angular |  |  |
| Bootstrap |  |  |
| Complemento Framework | Angular Material, Angular CDK |  |  |
| Backend | Nodejs |  |  |
| Base de Datos | MongoDB |  |  |
| Editor Código | Visual Studio Code |  |  |
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## COMPONENTES

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| Componentes | Nombre - etiqueta |  | Check |
| Header |  |  |  |
| Footer |  |  |  |
| Login |  |  |  |
| Registro |  |  |  |
| Contacto |  |  |  |
| Componente 1 |  |  |  |
| Componente 2 |  |  |  |
| Componente 3 |  |  |  |
| Componente 4 |  |  |  |
| Componente 5 |  |  |  |
| Componente 6 |  |  |  |
| Componente 7 |  |  |  |
| Componente 8 |  |  |  |
| Componente 9 |  |  |  |
| Componente 10 |  |  |  |
| Servicio 1 |  |  |  |
| Servicio 2 |  |  |  |
| Servicio 3 |  |  |  |
| Servicio 4 |  |  |  |
| Modelo 1 |  |  |  |
| Modelo 2 |  |  |  |
| Modelo 3 |  |  |  |
| Modelo 4 |  |  |  |
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## LIBRERÍAS Y MÓDULOS NECESARIOS

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| Librería - Módulo | comando |  | Check |
| Angular | **npm i @angular/cli // ng new proyecto** |  |  |
| Angular CDK | **npm i @angular/cdk** |  |  |
| Angular Material | **ng add @angular/material** |  |  |
| RxJS: Extensiones reactivas para JavaScript | **npm install rxjs** |  |  |
| Módulo para utilizar otro método de autentificación | **npm install @auth0/auth0-angular** |  |  |
| Módulo para mensajes y animaciones | **npm install ngx-toastr --save** |  |  |
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| Nodejs | **npm init** | package.json |  |
| Inicia Servidor | **npm Start** | server.js |  |
| Módulo para peticiones HTTP | **npm install express - - save** | dependecia |  |
| Módulo para trabajar con MongoDB | **npm install mongoose - - save** | dependecia |  |
| Módulo para desarrollo mantener iniciado el servidor | **npm install –D nodemon** | dependecia |  |
| Módulo para variables de entorno | **npm install dotenv –save** | dependecia |  |
| Módulo para comunicación entre archivos Nodejs | **npm install cors –save** | dependecia |  |
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| MongoDB | **Descarga aplicación o npm i mongodb**  **https://www.mongodb.com/try/download/community** |  |  |
| MongoDBCompass | **Gestor Gráfico de Bases de Datos Mongo DB** |  |  |
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| Postman API Para comprobar Peticiones http a un Servidor | **Descarga aplicación**  **https://www.postman.com/downloads/** |  |  |

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| Creación Servidor API | comando |  |  |
| Crear carpeta |  |  |  |
| Comprobar versión Nodejs y npm | **node -v**  **npm -v** |  |  |
| Instalar Typescript Global | **npm i -g typescript** |  |  |
| Instalar modulo typescript para Nodejs | **npm i -g ts-node** |  |  |
| Inicializar Typescript | **tsc --init** |  |  |
| Inicializar servidor Nodejs | **npm init -y** |  |  |
| Dependencias | **--save** | **-D (desarrollador)** |  |
| nodemon | **npm i --save nodemon** |  |  |
| express | **npm i --save express** | **@types/express** |  |
| dotenv | **npm i --save dotenv** | **@types/dotenv** |  |
| cors | **npm i --save cors** | **@types/cors** |  |
| sequelize | **npm i --save sequelize** | **@types/sequelize** |  |
| multer | **npm i --save multer** | **@types/multer** |  |
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