

Project Plan



Tinder for restaurants			
<div><div>1</div><div>View Frontend</div></div> <div><ul style="list-style-type: none">• UI Development: Creating responsive, interactive web pages using HTML, CSS, and JavaScript.• Component Design: Building reusable components for the web application.• User Interactions: Handling events like clicks, form submissions, animations, etc.• State Management: Managing local state, using tools like Redux or Vuex if necessary.• Integration: Making API calls to the backend, handling responses, and updating the UI.</div>	<div><div>2</div><div>Model Backend</div></div> <div><ul style="list-style-type: none">• Database Design & Management: Setting up databases, creating schemas, managing migrations.• API Development: Creating RESTful or GraphQL endpoints, handling CRUD operations.• Business Logic: Implementing server-side logic, data validation, and processing.• Authentication & Authorization: Managing user sessions, JWTs, OAuth, etc.• Testing & Debugging: Writing unit and integration tests for the backend.</div>	<div><div>3</div><div>View Model Intergration</div></div> <div><ul style="list-style-type: none">• Data Binding: Ensuring the UI reflects the latest data and updates the Model when the user makes changes.• API Integration: Handling API requests and responses, error handling, and retry mechanisms.• Component Logic: Implementing logic specific to components or views, like form validation, conditional rendering, etc.• Route Management: Handling page navigation, lazy loading, guards, etc.• Testing: Writing unit and end-to-end tests for the frontend components and their interactions.</div>	<div><div></div><div>Design</div></div> <div><ul style="list-style-type: none">• Design Flow of the app and what screens that need to be created</div>
<div><div></div><div>Tech Stack</div></div> <div><ul style="list-style-type: none">• Programming Language: JavaScript, TypeScript• Web Frameworks: React, Angular, Vue.js• CSS Frameworks: Bootstrap, Tailwind CSS, Materialize• Package Managers: npm, yarn• Build Tools: Webpack, Parcel, Create React App• Testing: Jest, Mocha, Jasmine</div>	<div><div></div><div>Tech Stack</div></div> <div><ul style="list-style-type: none">• Programming Language: Python, Java, C#, Node.js, Ruby• Web Frameworks: Django (Python), Spring Boot (Java), ASP.NET Core (C#), Express (Node.js), Ruby on Rails (Ruby)• Database Management: PostgreSQL, MySQL, MongoDB, SQLite• API Specification: RESTful APIs or GraphQL• Authentication: OAuth, JWT, Firebase Authentication• Testing: PyTest (Python), JUnit (Java), xUnit (C#), Jest (Node.js), RSpec (Ruby)</div>	<div><div></div><div>Tech Stack</div></div> <div><ul style="list-style-type: none">• Programming Language: JavaScript, TypeScript• Web Frameworks: Angular, Vue.js (These frameworks naturally support an MVVM-like architecture)• State Management: NgRx (Angular), Vuex (Vue.js)• API Client: Axios, Fetch API• Routing: Angular Router, Vue Router• Testing: Karma (Angular), Jest (Vue.js)</div>	<div><div></div><div>Tech Stack</div></div> <div><ul style="list-style-type: none">• Figma, Adobe</div>
<div><div></div><div>People Involved</div></div> <div><ul style="list-style-type: none">• Maha</div>	<div><div></div><div>People Involved</div></div> <div><ul style="list-style-type: none">• Rishab</div>	<div><div></div><div>People Involved</div></div> <div><ul style="list-style-type: none">• Lincoln</div>	<div><div></div><div>People Involved</div></div> <div><ul style="list-style-type: none">• Rishab</div>