Social Network API — Frontend Project Plan

Set Up Vite + React

1. **Create your project directory**
    a. mkdir social-network-client
    b. cd social-network-client
2. **Initialize a basic Node project**
    a. npm init -y
3. **Install Vite + React dependencies manually**
    a. npm install vite react react-dom
    b. npm install -D @vitejs/plugin-react
4. **Create the project structure manually**
    a. plaintext

```
/social-network-client
  /public
    index.html
  /src
    main.jsx
    App.jsx
package.json
vite.config.js
```

5. **Create basic config files**
    a. vite.config.js / javascript

```javascript
import { defineConfig } from 'vite';
import react from '@vitejs/plugin-react';

export default defineConfig({
  plugins: [react()],
  server: {
    port: 5173,
  },
});
```

6. **Set up index.html**
    a. /public/index.html / html

```html
<!DOCTYPE html>
<html lang="en">
  <head>
    <meta charset="UTF-8" />
    <meta name="viewport" content="width=device-width, initial-scale=1.0" />
    <title>Social Network Client</title>
```

```
    </head>
    <body>
      <div id="root"></div>
      <script type="module" src="/src/main.jsx"></script>
    </body>
</html>
```

7. **Set up your entry file**
   a. `/src/main.jsx / javascript`

```
import React from 'react';
import ReactDOM from 'react-dom/client';
import App from './App';

ReactDOM.createRoot(document.getElementById('root')).render(
  <React.StrictMode>
    <App />
  </React.StrictMode>
);
```

8. **Create your basic App component**
   a. /src/App.jsx / javascript

```
import React from 'react';

function App() {
  return (
    <div>
      <h1>Social Network API Frontend</h1>
      <p>Let's build something amazing.</p>
    </div>
  );
}

export default App;
```

9. **Add scripts to `package.json`**
   a. Open `package.json` and add:

```
"scripts": {
  "dev": "vite",
  "build": "vite build",
  "preview": "vite preview"
}
```

10. Start your Vite development server
   a. Bash
   b. npm run dev
11. Record a video walkthrough