

WorkflowCraft

Repository

<https://github.com/Evin-7/WorkflowCraft>

Overview

A drag-and-drop workflow builder built with Vue 3 + Vite + Tailwind CSS.

Deployed on Vercel → workflowcraft.vercel.app

Features

- Block / Node Types: Send Email, Wait, Send WhatsApp, Make API Call, Conditional Split, Update CRM
- Drag-and-Drop Canvas: Works on desktop (mouse) and mobile (touch).
- Serialization to JSON: Export workflows as structured JSON.
- Persistence: Auto-saves in LocalStorage.
- Execution Preview: Simulation modal previews steps.
- Styling & UX: TailwindCSS + responsive + icons.

Tech Stack

- Vue 3 + TypeScript
- Vite
- Tailwind CSS
- Vercel

Getting Started

1. Clone repository

```
git clone https://github.com/Evin-7/WorkflowCraft.git
```

```
cd workflowcraft
```

2. Install dependencies

```
npm install
```

3. Start dev server

```
npm run dev
```

Design Decisions

- WorkflowStep interface stores id, type, and props.

- New block types added in blockDefinitions with default props.
- LocalStorage used for persistence.
- Mobile touch handlers implemented for drag-and-drop.

Tradeoffs & Limitations

- Workflows are linear (no visual branching arrows).
- Simulation is descriptive, not a runtime executor.
- LocalStorage only (device-specific).
- Conditional Split block is descriptive only.

Deployment

Live Demo: <https://workflowcraft.vercel.app/>

Hosted on Vercel, auto-built from main branch.