Jermaine\_Action\_AI\_Project/

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Phase 0 — Setup

• [ ] Create accounts: Vercel, GitHub, Make.com/n8n, Google Cloud (YouTube API), OpenAI/Claude, ElevenLabs, Cloudinary/AWS S3

• [ ] Create secure “API Keys” doc

• [ ] Set up staging + production environments

Phase 1 — Website Deployment

• [ ] Fork starter site repo to GitHub

• [ ] Connect repo to Vercel (auto‑deploy dev branch)

• [ ] Create dev and main branches

• [ ] Test first change → deploy to staging → approve → merge to main

Phase 2 — No‑Code AI Brain

• [ ] Create Make.com scenario for “Website Updater”

• [ ] Add approval step before edits

• [ ] Connect GitHub API for PR creation

• [ ] Test safe file edit + preview link

Phase 3 — YouTube Automation

• [ ] Enable YouTube Data API in Google Cloud

• [ ] Connect to Make.com with OAuth

• [ ] Build “Script → Video → Upload” workflow

• [ ] Test upload to private playlist

Phase 4 — File & Asset Management

• [ ] Set up Cloudinary/AWS S3 folders (/brand, /templates, /projects)

• [ ] Create upload watcher automation

• [ ] Test weekly archive job

Phase 5 — End‑to‑End Workflows

• [ ] Website: Task → AI plan → Approval → Deploy

• [ ] YouTube: Topic → Script → Edit → Upload → Promo

Phase 6 — Security

• [ ] Store API keys securely

• [ ] Limit bot account permissions

• [ ] Enforce staging‑first rule

• [ ] Enable nightly action logs

02\_Action\_AI\_Build\_Steps.md

(Kid‑friendly step‑by‑step from our earlier “LEGO block” guide — includes Phase 0 to Phase 8 with all details on setting up accounts, connecting tools, creating workflows, and adding security.)

03\_YouTube\_Agent\_Workflow.md

• Script creation (via me)

• Voiceover generation (ElevenLabs)

• Visuals (Runway/Pika)

• Editing (Descript/CapCut API)

• Upload via YouTube API

• Analytics + comment reply drafts

04\_Website\_Agent\_Workflow.md

• GitHub branch workflow (dev → main)

• PR creation + preview link

• Approval → merge → deploy

• Backup before edits

05\_Security\_and\_Approvals.md

• API key storage rules (never in plain text)

• Role‑based access for bot accounts

• Approval gates for risky actions (deploys, DB writes)

• Audit logs + rollback plan

06\_Upgrade\_Path.md

• Move from Make.com to n8n self‑hosted for more control

• Add LangChain + Python for advanced automation

• Integrate RAG memory for brand/heritage data

• Offline workflows for low‑connectivity regions\_Upgrade\_Path.md

30‑Day Build Schedule

Week 1 — Foundations & Safe Playground

Goal: Get all accounts, environments, and basic deployment pipeline ready.

Day 1–2:

• Create accounts: Vercel, GitHub, Make.com/n8n, Google Cloud (YouTube API), OpenAI/Claude, ElevenLabs, Cloudinary/AWS S3

• Create secure “API Keys” doc

• Set up staging + production environments

Day 3–4:

• Fork starter site repo to GitHub

• Connect repo to Vercel (auto‑deploy dev branch)

• Create dev and main branches

Day 5–7:

• Make a small change (e.g., add “Hello World” section) → push to dev → preview on staging

• Merge to main → see production update

• Celebrate your first deploy 🎉

Week 2 — AI Brain & Website Agent

Goal: Give your AI the ability to suggest and implement safe website changes.

Day 8–9:

• Create Make.com scenario for “Website Updater”

• Add approval step before edits

Day 10–11:

• Connect GitHub API for PR creation

• Test safe file edit + preview link

Day 12–14:

• Add backup step (save old file to Cloudinary/S3 before edit)

• Test full loop: Task → AI plan → Approval → Staging PR → Merge → Deploy

Week 3 — YouTube Agent

Goal: Automate script → video → upload flow.

Day 15–16:

• Enable YouTube Data API in Google Cloud

• Connect to Make.com with OAuth

Day 17–18:

• Build “Script → Video → Upload” workflow

• Use placeholder video for first test

Day 19–21:

• Add voiceover (ElevenLabs) + visuals (Runway/Pika)

• Test upload to private playlist

• Review and tweak metadata generation

Week 4 — Assets, Security & End‑to‑End

Goal: Manage files, lock down security, and run full workflows.

Day 22–23:

• Set up Cloudinary/AWS S3 folders (/brand, /templates, /projects)

• Create upload watcher automation

Day 24–25:

• Test weekly archive job

• Limit bot account permissions

• Enforce staging‑first rule

Day 26–27:

• Website: Task → AI plan → Approval → Deploy

• YouTube: Topic → Script → Edit → Upload → Promo

Day 28–29:

• Enable nightly action logs

• Test rollback on Vercel

Day 30:

• Run a full live test:

• Website update + YouTube upload in the same day

• Review logs, backups, and analytics

• You now have a working Jermaine’s Action AI 🎯

🔄 How to Use This

• Keep 01\_Checklist.md open alongside this schedule.

• Tick off each task as you complete it.

• Don’t move to the next week until all tasks in the current week are done.

• If something breaks, pause and fix before adding new features.

07\_Build\_Schedule.md 📅

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• Create secure “API Keys” doc

• Set up staging + production environments

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• Fork starter site repo to GitHub

• Connect repo to Vercel (auto‑deploy dev branch)

• Create dev and main branches

Day 5–7:

• Make a small change → push to dev → preview on staging

• Merge to main → see production update

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• Create Make.com scenario for “Website Updater”

• Add approval step before edits

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• Test full loop: Task → AI plan → Approval → Staging PR → Merge → Deploy

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• Website update + YouTube upload in the same day

• Review logs, backups, and analytics