STRUKT Codex + GitHub Setup Log

# 1. Repository Structure

The GitHub repository 'strukt-system' contains the following folders:

* • pipedream/: Pipedream workflows for OpenAI logic, Airtable syncing, and webhook processing.
* • tiledesk/: Tiledesk flows and webhook handling logic.
* • airtable/: Airtable schema, table structure, and API integration references.
* • ai/: STRUKT AI Coach tone, prompt files, and personality logic.
* • utils/: Helper scripts for automation and formatting.
* • docs/: Planning guides and architecture outlines.

# 2. Current Issues to Solve via Codex

Two core functionality issues need Codex or Agent support:

* • Tiledesk async response: Tiledesk tries to display a reply before the Pipedream webhook returns a value. Result: 'undefined' message.
* • Email persistence: Currently, user email must be manually entered. Need auto-embedding or persistent session-based retrieval.

# 3. Goals for Codex and Agent Assistance

* • Fix Pipedream → Tiledesk response issue by enabling async webhook pushback using Tiledesk's API.
* • Automatically embed the user email in Tiledesk form/chat context.
* • Refactor and optimise webhook code in pipedream/ folder with fallback and error handling.
* • Scan STRUKT's Airtable schema and ensure synced logic aligns with table field names.
* • Read and interpret system prompts in ai/ and suggest dynamic updates based on usage patterns.
* • Help build a central STRUKT config file that manages project IDs, API keys, schema fields, and webhook URLs cleanly.
* • Write tests or simulation hooks for validating STRUKT Coach replies (future Codex use).
* • Generate documentation automatically from code comments inside each folder.

# 4. Next Steps

1. 1. Upload current working Pipedream + Tiledesk files to relevant folders.
2. 2. Add an example message payload from Tiledesk to pipedream/docs.
3. 3. Create a test conversation thread for agents to use when debugging pushbacks.
4. 4. Set branch protection rules before Codex starts auto-pushing changes (optional).
5. 5. Link GitHub repo to Codex (already done) — continue testing Codex workflows with small, clear requests.