Mobile App Development with AI using Claude Code

Málaga AI

Olmo Gallegos Hernández

https://github.com/voghDev

Structure

Part 1 Introduction - Concepts, definitions

Part 2 Basic Claude Code setup for Mobile App development

Part 3 Improvements and refinements

Part 4 Credits and references

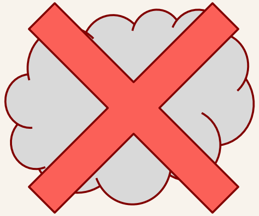
Part 1
Introduction - Definitions

5

MINS

“Claude”

Disclaimer



Some concepts

Definitions

CLI - Command Line Interface

- GitHub CLI (gh)
- GitLab CLI (glab)
- Claude Code
- git
- Tip: Install as many as possible

Anthropic - The company behind Claude

ANTHROP\C

Markdown

- Lightweight markup language
- Files with .md extension

Claude Code - Coding assistant

LLM, or simply "Model"

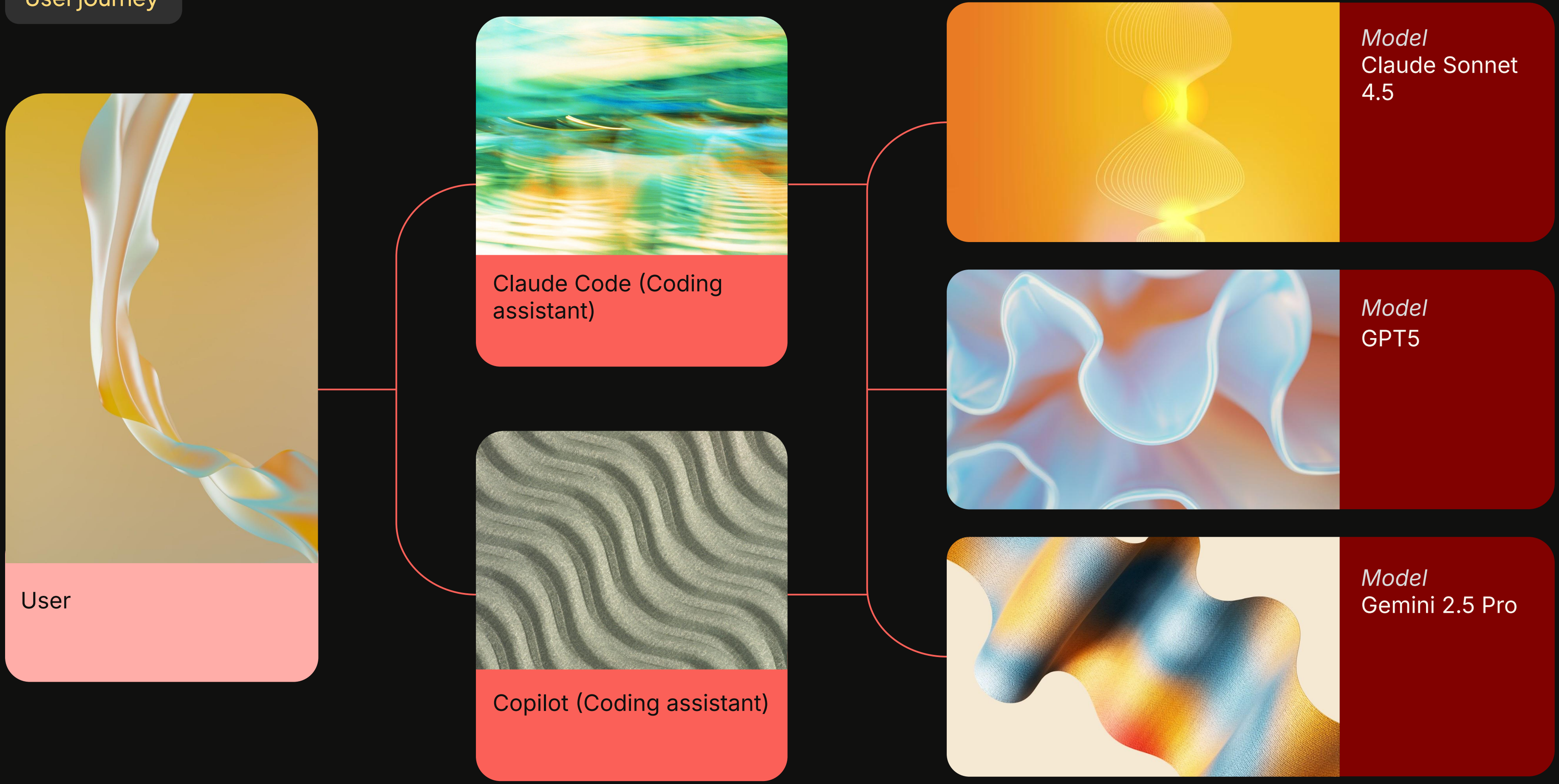
- Haiku 4.5
- Sonnet 3.5
- Sonnet 4
- Sonnet 4.5
- OPUS 4.6

Claude Sonnet 4.5

MCP - Model Context Protocol

- Connect LLM to APIs
- Access external resources
- Example: Shortcut, Jira, Gitlab

User journey



User

Claude Code (Coding assistant)

Copilot (Coding assistant)

Model
Claude Sonnet 4.5

Model
GPT5

Model
Gemini 2.5 Pro

Part 2
Basic Claude Code setup

10

MINS

Installing Claude Code

In order to install Claude code, open your terminal and execute:

```
curl -fsSL https://claude.ai/install.sh | bash
```

Get your API Key from Anthropic.

Authenticate.

https://code.claude.com/docs/en/setup

Pro tip

Create a Shortcut to create a command for executing claude in YOLO mode:

Add this to .zshrc or .bashrc

```
alias claude-yolo='claude --dangerously-skip-permissions'
```

Example CLI usages

Opening a PR using GitHub CLI

```
gh pr create --title "Initial project and Claude Code setup" --body "..."
```

Opening an MR using glab (GitLab CLI)

```
glab mr create --source-branch bump/2.9.2.3–open --target-branch develop --title "..." --description "..."
```

Listing the available MRs (GitLab CLI)

```
glab mr list
```

Invoking Claude Code with a prompt

```
claude “find the code where we manage push notifications”
```

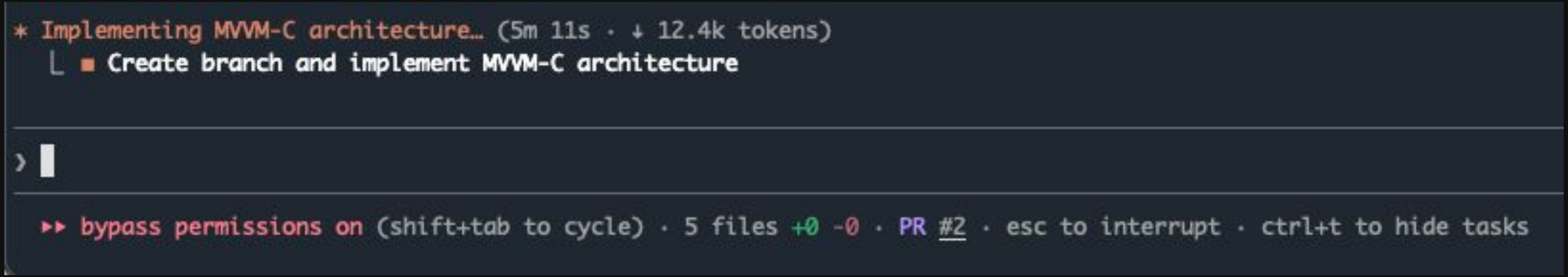
Starting Claude code

```
claude
```

Claude Code: Three modes

- Bypass permissions mode (YOLO)
- Plan Mode
- Accept Edits mode
- Normal mode

- Shift+Tab to switch between them



```
* Implementing MVVM-C architecture… (5m 11s · ↓ 12.4k tokens)
  ⎿ ■ Create branch and implement MVVM-C architecture

› ▌

  ▸▸ bypass permissions on (shift+tab to cycle) · 5 files +0 -0 · PR #2 · esc to interrupt · ctrl+t to hide tasks
```

Plan Mode

- Claude Code will do more research about our project's contents, will read more files, and will come up with a detailed plan about how to complete the task.
- We can either accept the plan or add more context and keep on planning.
- Plan mode is better for tasks that require a wider understanding of the project, or require multiple steps to complete.

CLAUDE.md

Markdown file where **local** context for this project will be provided to Claude Code

- Automatically read by Claude Code on each session
- Created manually or when executing **/init**
- Located either in **project root folder** or in **.claude/CLAUDE.md**
- Global context for all projects: **/home/user/.claude/CLAUDE.md**
- Local context, not committed: **CLAUDE.local.md**

Useful commands

💻

/context

Shows current context that Claude Code has

💻

/clear

Clears current context

💻

/compact

Compacts all available context into one single prompt in order to reutilize it. The context will be reduced to one single summarized prompt.

💻

/model

Displays all available models, the one we’re working with, and allows us to select a different model

Useful commands and keys

/review

Reviews a PR providing a link

#

Switches to Memory Mode

@

Allows us to refer files

/fast

Toggles Fast mode (Opus 4.6) - Released Feb 2026

Escape key

Cancels current prompt

- Very useful to correct mistakes or avoid mistakes
- # enters memory mode and can add additional context
- Double Escape goes back in conversation with Claude Code

Part 2

Basic Claude Code setup: Summary

15

MINS

Basic Claude Code setup

Run Claude Code in YOLO mode

Add a CLAUDE.md file to your repository

Install all necessary MCPs and CLIs

Use Esc key, Double Esc, use Memory mode

Part 3
What refinements can we do to this basic setup?

Subagents

.claude/agents

- android-developer.md
- issue-triager.md

Commands

Claude will include them in the available command list

.claude/commands

- create-pr.md
- audit-code-quality.md

Hooks

Executed pre or post:

- Opening a file
- Entering a prompt
- Starting the session with Claude Code

Example: PreToolUse, PostToolUse

- Which tools?
- “Name a list of the tools you have access to”

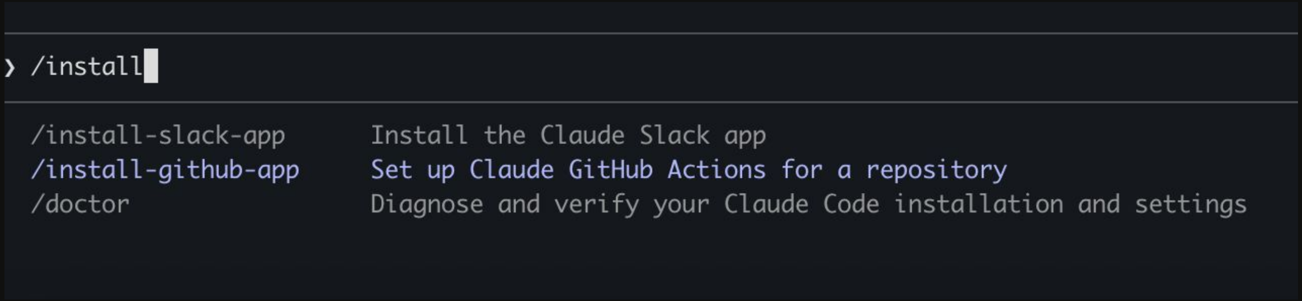
.claude/hooks

- run-ktlint.md

GitHub integration

An improvement over using GitHub CLI

- Allows us to mention @claude in issues or comments
- /install-github-app



```
❯ /install

  /install-slack-app      Install the Claude Slack app
  /install-github-app     Set up Claude GitHub Actions for a repository
  /doctor                 Diagnose and verify your Claude Code installation and settings
```

Part 4

Credits

1

MINS

Claude Code 101 - Course by Anthropic

Claude Code in action - Course by Anthropic

www.github.com/pedrovgs/MyClaude

www.github.com/voghDev/KataLLMAndroid

www.github.com/voghDev/KataLLMiOS

Demo Time

Málaga AI

in Olmo Gallegos Hernández

https://github.com/voghDev

Questions or feedback?
olmo.gallegos@domestika.org

Olmo Gallegos

Thank you!