# Cursor                          AI                 PoC –

Cursor                                                    ChatGPT
                                    PDF                .

## 1.

          Minimal                                                              ,
Cursor            UX/                          .                VS Code            IDE
      ,      PC        VS Code                                  .

## 2. Cursor / Copilot / Codeium

Cursor    VS Code              AI- First IDE                                multi- file rewrite
            , GitHub Copilot    IDE                          AI, Codeium                  +
IDE(Windsurf)                              .

## 3.            Cursor

Monaco Editor        Web IDE, FastAPI API Gateway, Code Intelligence Layer(Context Builder,
Repo Index, Patch Engine), Local/On- Prem LLM(vLLM)
        .

## 4.                    MVP

Cursor          IDE, AI UX, Code Intelligence, Patch/Safety, LLM, Workspace, VS Code        ,
Agent                    MVP              (P0)                                .

## 5. API

REST + WebSocket          API                    , web/api/vscode- extension/packages/infra
                Monorepo                        .

## 6. 12

2~ 3              12              Backend    Web IDE    Context Builder    Patch Safety    Repo
Index    VS Code Extension                                    .

## 7.

          ,        SSO/LDAP        , RBAC(AI- Modify              ), Workspace        , LLM
      /                              ,                                              .

## 8. GPU

          (50/100/300   )            GPU(A100/4090/H100)                      CAPEX
        .

## 9. 4    PoC

PoC      ,      (In/Out),        , 4      , KPI,                , Go/No- Go
      PoC                          .

## 10.

DOCX/PPTX/PDF        PoC        ,                PPT, GPU
      .

## 11. Codex

Codex CLI                        , AGENTS.md
, Task A~ E          ,            ZIP              .

## 12.

Ubuntu 24.04      Python 3.11 + venv              , pnpm(Node 20 LTS)
      .

## 13. Codex

Patch Engine(Task C)                  , Diff                LLM Router,
API                        .

## 14.

  PoC        AI            ,                    .    .
Cursor-        AI                    .