White
Node

ai code
generation
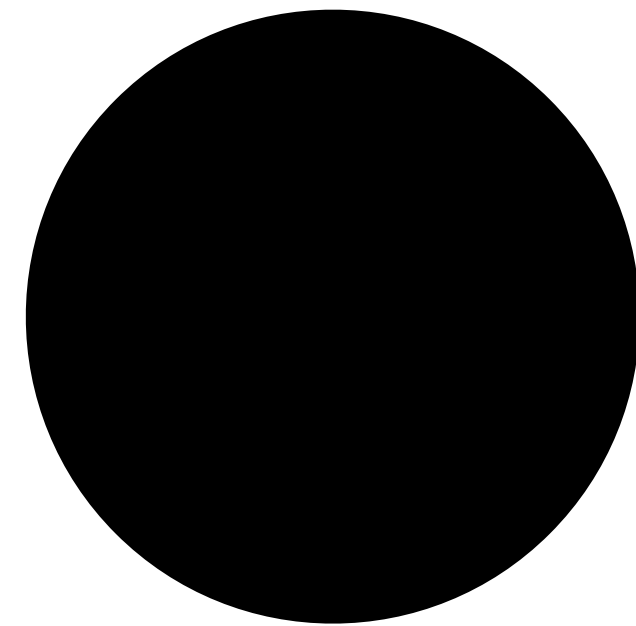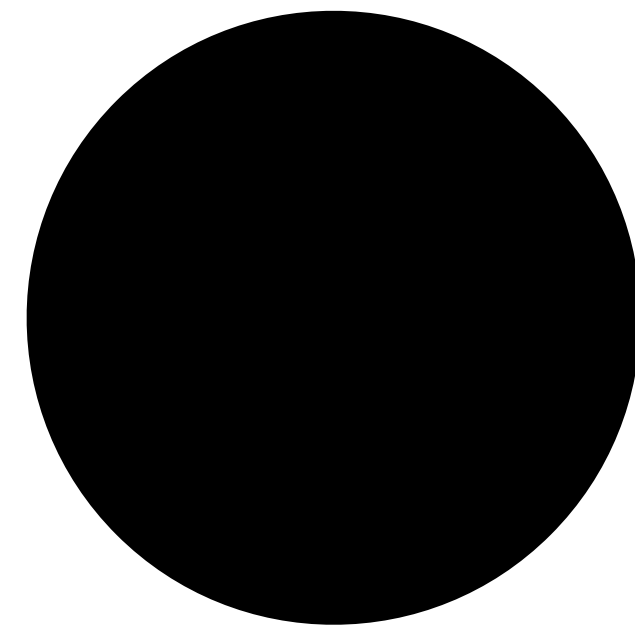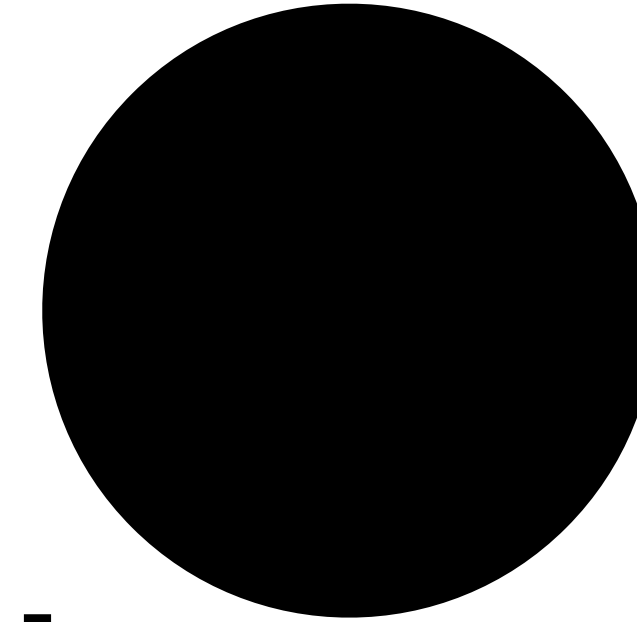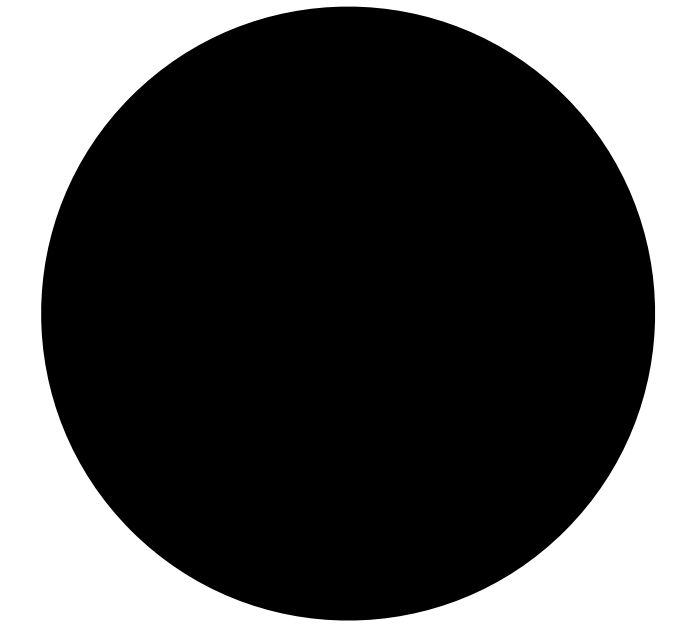
ai code
generation
can get messy
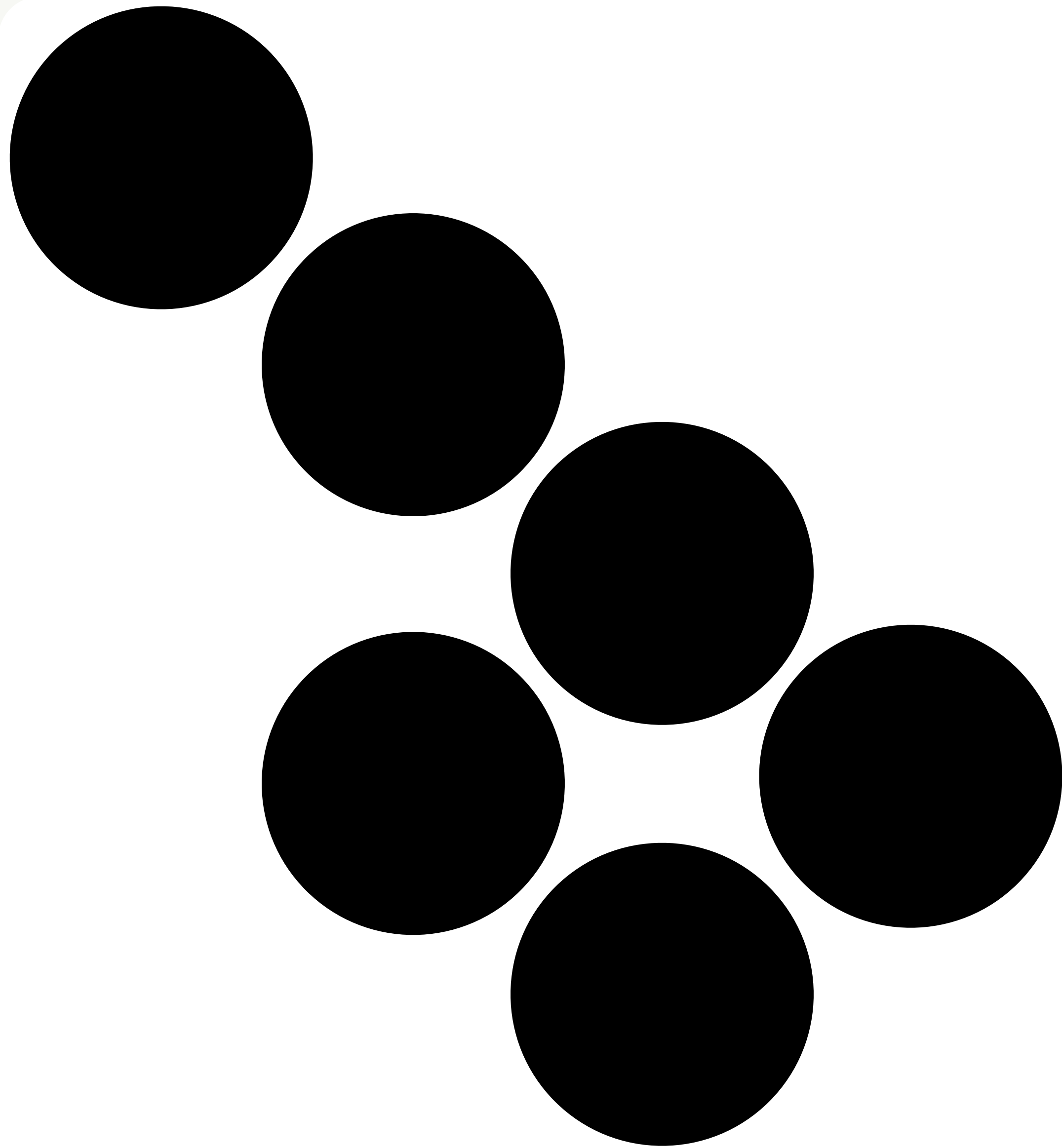
ai code
generation
needs structure
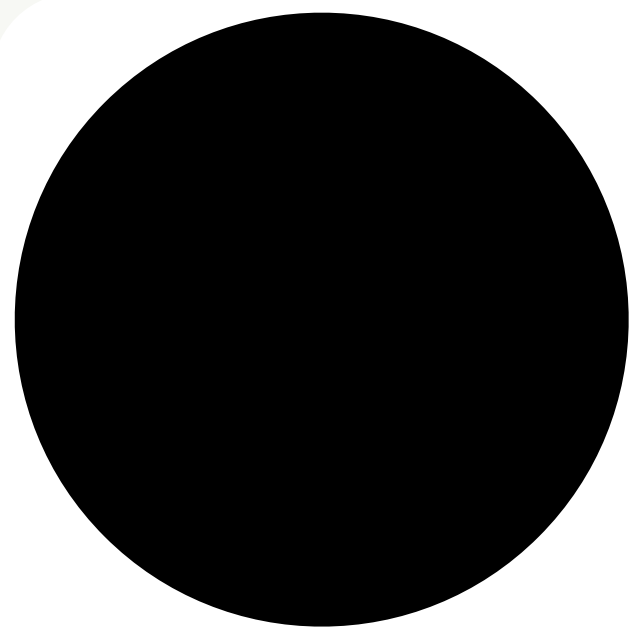
a system that builds well structured applications using ai
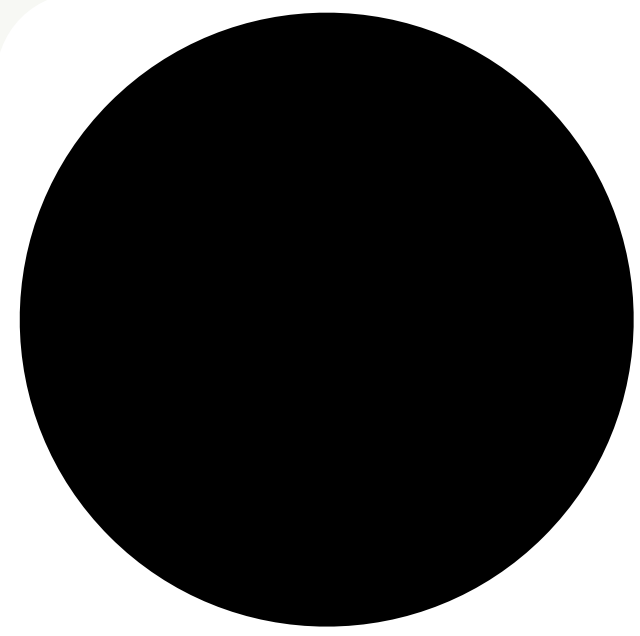
White
Node

Users can build well structured
Applications using ai

a system that builds well structured applications using ai

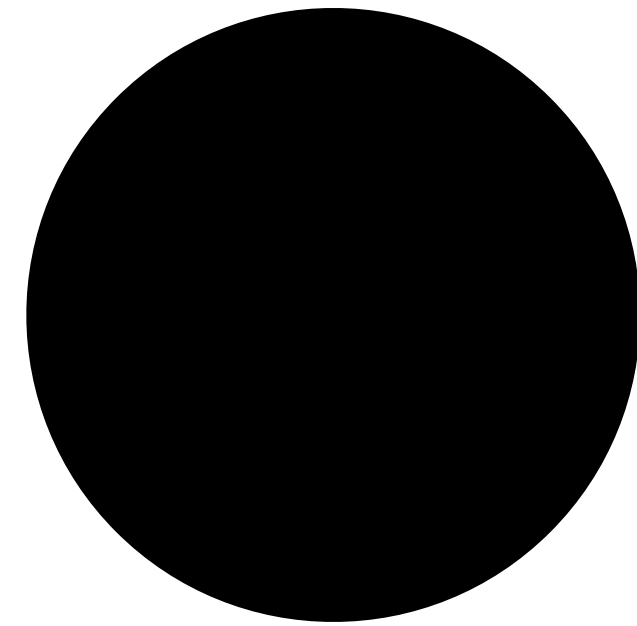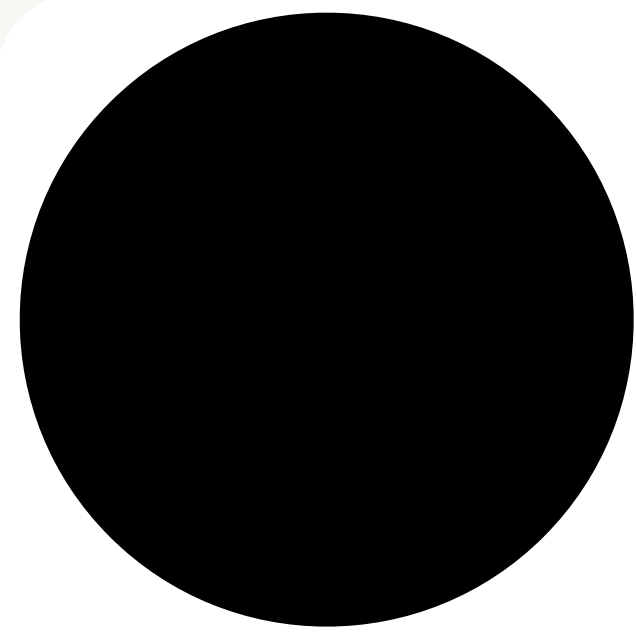how about the ai writes a structured Document that describes the code, we then use this document to write
code Repository files and show Users a preview of the code running on a virtual Machine ?

suggest a way to implement this

White Node

Users can build well structured Applications using ai
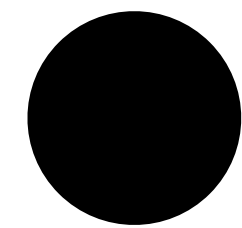
- An Application creates a Document, a Machine and a Repository

suggest a way to implement this

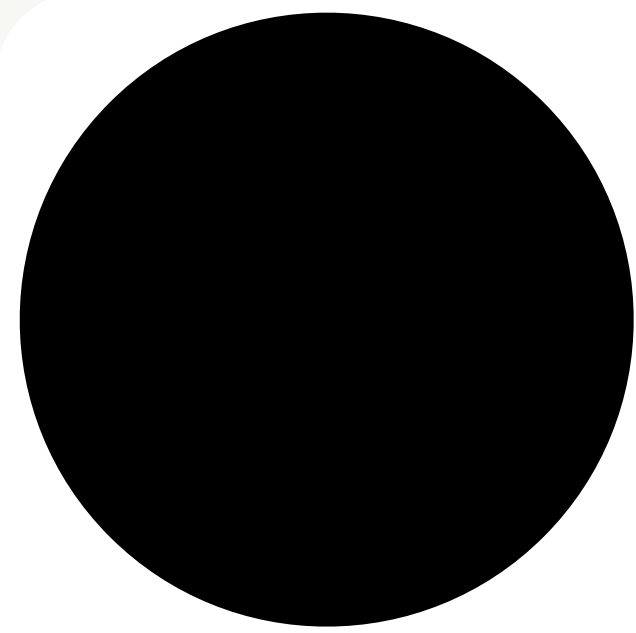we can design the document to mirror the folder structure of the code, then store the code repository in Github, and run our virtual machine on google cloud - does that sound good ?

great, how does the document structure work ?

White Node

Users can build well structured Applications using ai

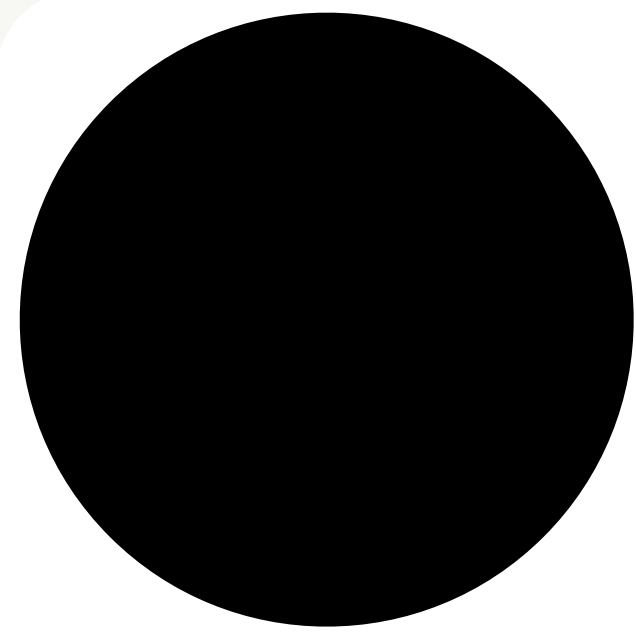- An Application creates a Document, a Machine and a Repository

  - A Document is a structured representation of a Repository

  - A Repository is a set of code files stored in Github

  - A Machine is a virtual environment that runs the Repository

great, how does the document structure work ?

each file is a different node, with children nodes being its dependencies, we can have a base github repository with instructions on file structure, and clone this inside the machine

perfect, suggest a modern tech stack for the repository
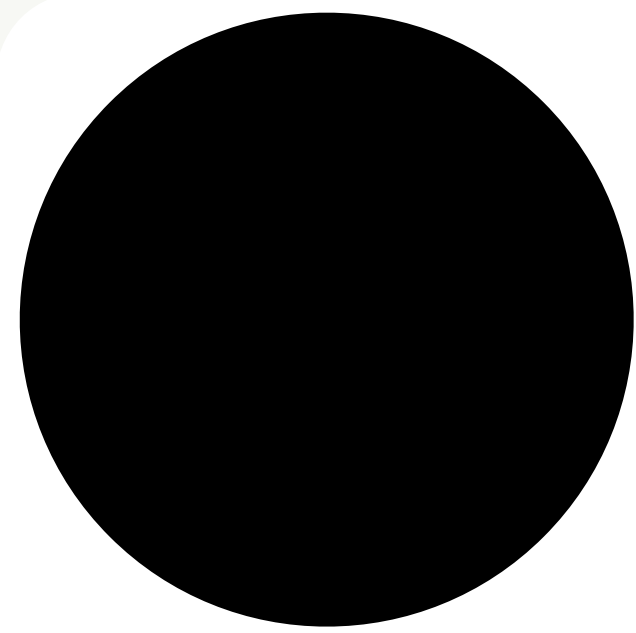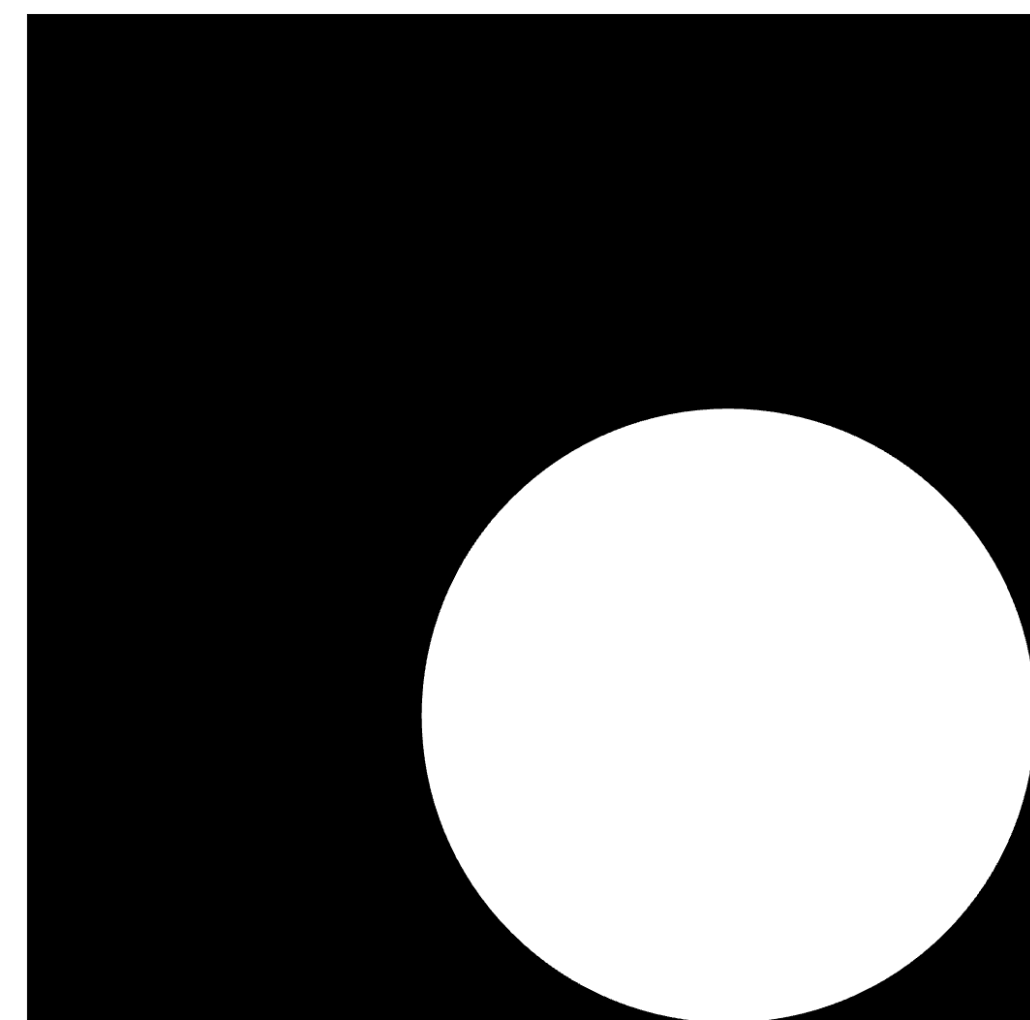
White Node

Users can build well structured Applications using ai

- An Application creates a Document, a Machine and a Repository

  - A Document is a structured representation of a Repository
    - A Document uses Nodes to represent the Repository file structure

  - A Repository is a set of code files stored in Github
    - The initial Repository clones a template from White Node's Github

  - A Machine is a virtual environment that runs the Repository
    - We create a Google Cloud virtual machine and import the initial Repository

perfect, suggest a modern tech stack for the repository

how about a typescript repository, with react for frontend, convex and node.js for backend …

White Node

teams can plan projects better than in **Linear**
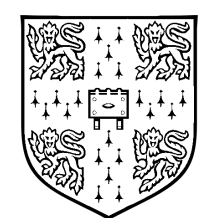
to write their codebase better than in **Lovable**

linkedin.com/in/

migel-neves-fonseca

ricardo-saez-ferez

luc-theobald

big tech engineer

DARKTRACE

UNIVERSITY OF CAMBRIDGE

vc-backed founder

PLUGANDPLAY

UCL

founder associate

zelt

Deutsche Bank