AI Enabled CAD Tool

# Purpose

I am interested in using an AI enabled CAD tool to develop electronic hardware faster and better than currently possible.

# System Components

* CAD file training dataset (e.g. miniPCB repository)
* Engineering training dataset (e.g. Bexar Intel repository)
* AI CAD Tool Server(s)
* AI CAD Tool Client(s)
* AI CAD Tool Program(s)

# Process

1. Imagine the future of work.
2. Learn about the system design.
3. Identify an actionable plan.
4. … pause for effect …

## Imagine

### Imagination Seeds

* What will the AI CAD tool be doing?
* How will I want to be interacting with the AI CAD tool?
* What are the best AI CAD tools currently available?
* What might the future’s best AI CAD tools look like?
* What hardware is best for running an AI CAD tool?
* What will future hardware look like for AI CAD tool systems?
* What fears and hopes will be in the mind of the manager considering purchasing an AI CAD tool?

### Server

* Select hardware
* Select operating system
* Install computer chassis
* Configure the server
* Implement security

### Client

* Desktop PC
* EAGLE

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| WORDMARK | FIGUREMARK | FIGUREMARK |
| miniPCB™ | A picture containing drawing  Description automatically generated™ | Icon  Description automatically generated™ |

# Revision History

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| --- | --- | --- | --- |
| REV | DESCRIPTION | ECO | DATE |
| A | Initial Release | N/A | 05MAR2023 |
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