

What is Docker?

Docker is a software platform that allows us to build, test and deploy applications quickly.

Docker pockages software into standardized units colled Containers. Docker can help us in easy deployment and scaling:

Dockerfile build Docker Image Man Docker Cadainer

Trile Rowing - Built form - Ruraing image

all the code, & Dockerfile Can be called

as Container.

Config. etc

inside: I.

Todated from each

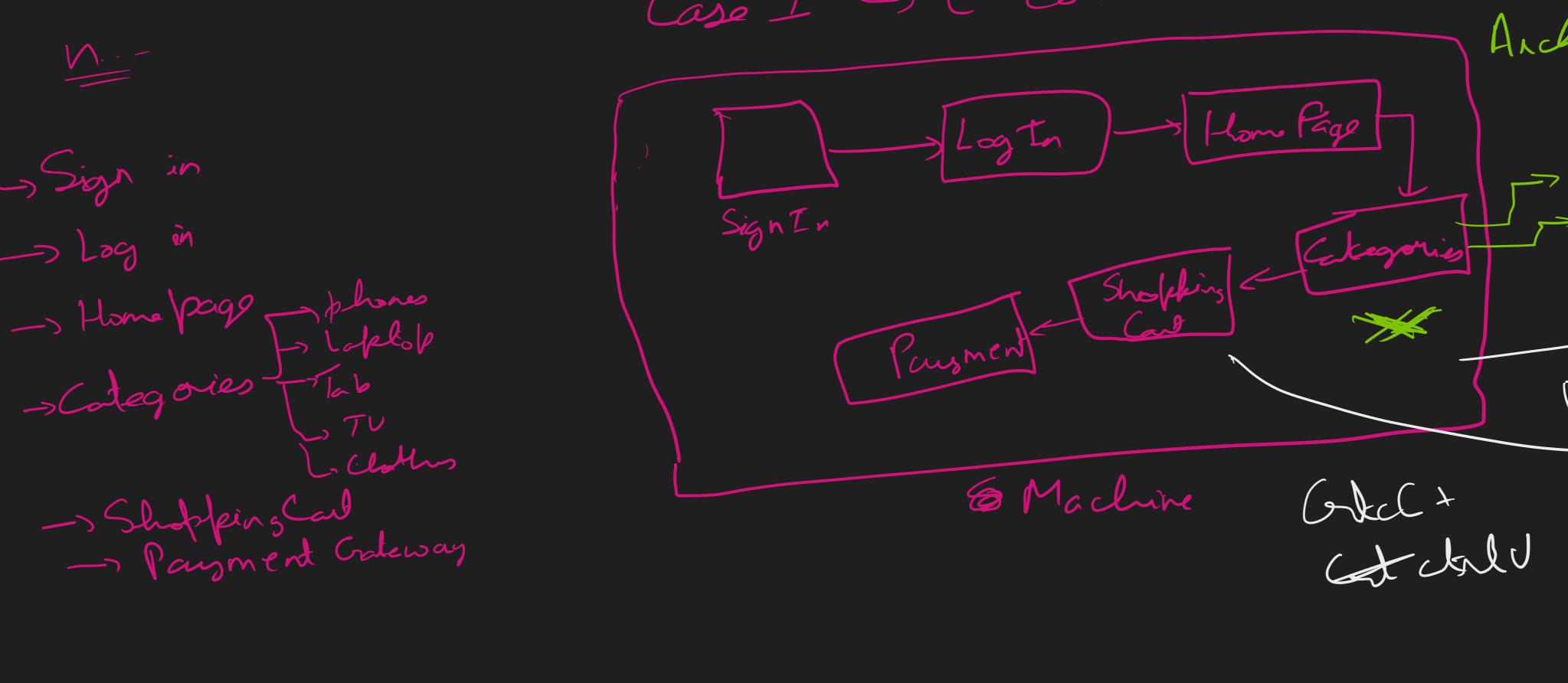
other.

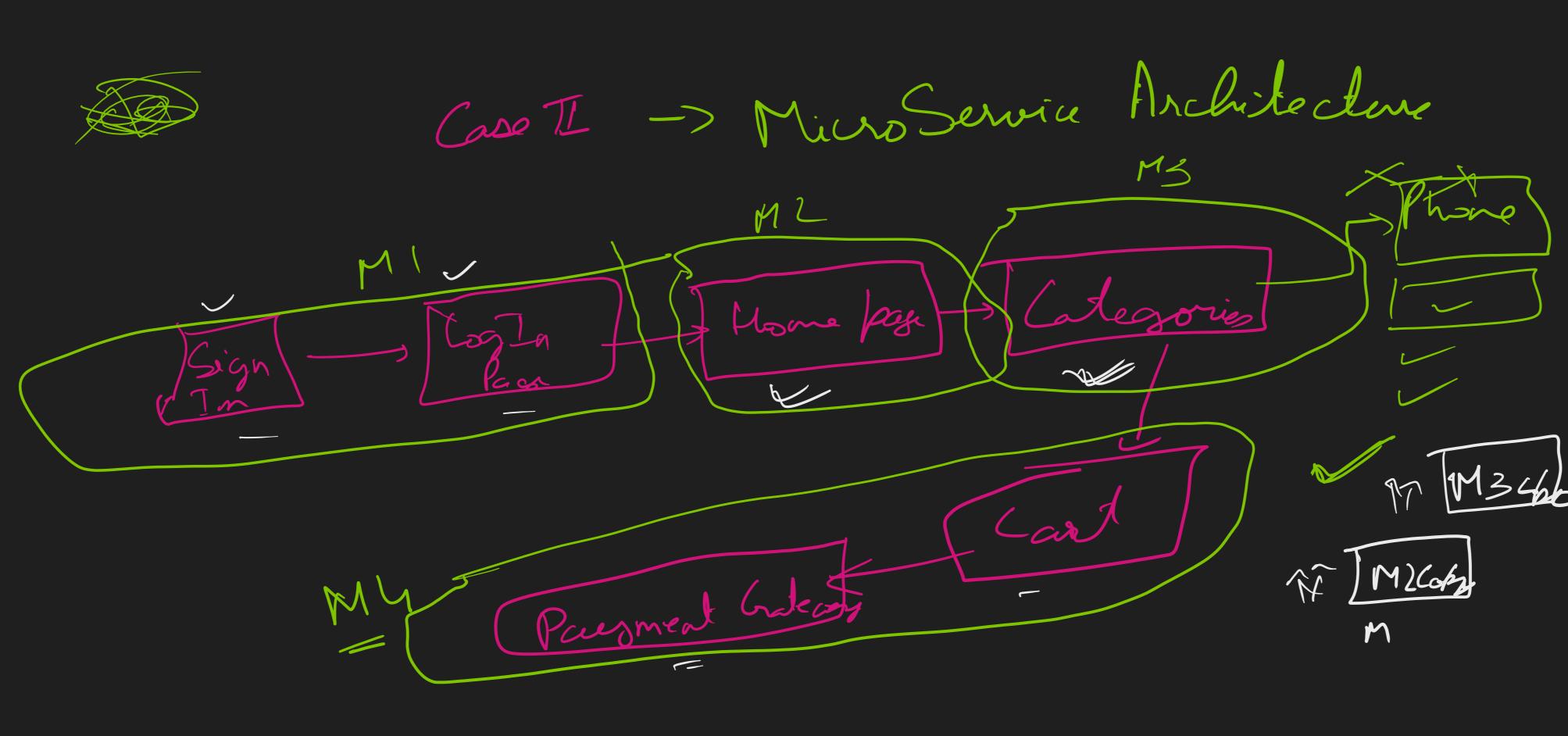
Morolith vs Micro-Service Architecture

Case I -> E- Comm Webseite -> Monolith

Architecture

Architecture





Monolith

D'Tightly Coupled

D'Dosely Coupled

2) Not so good et fault

tolerance

tolerance

3) Dillicult to Scale

(3) Easy to scale

3 Difficult to Scale 3 Easy to reale

4 Works well with lesser 4 Works well in all condition.

3 Less modularity 5 Higher moduchi rity.

6 Less Complen 6 Highly complex

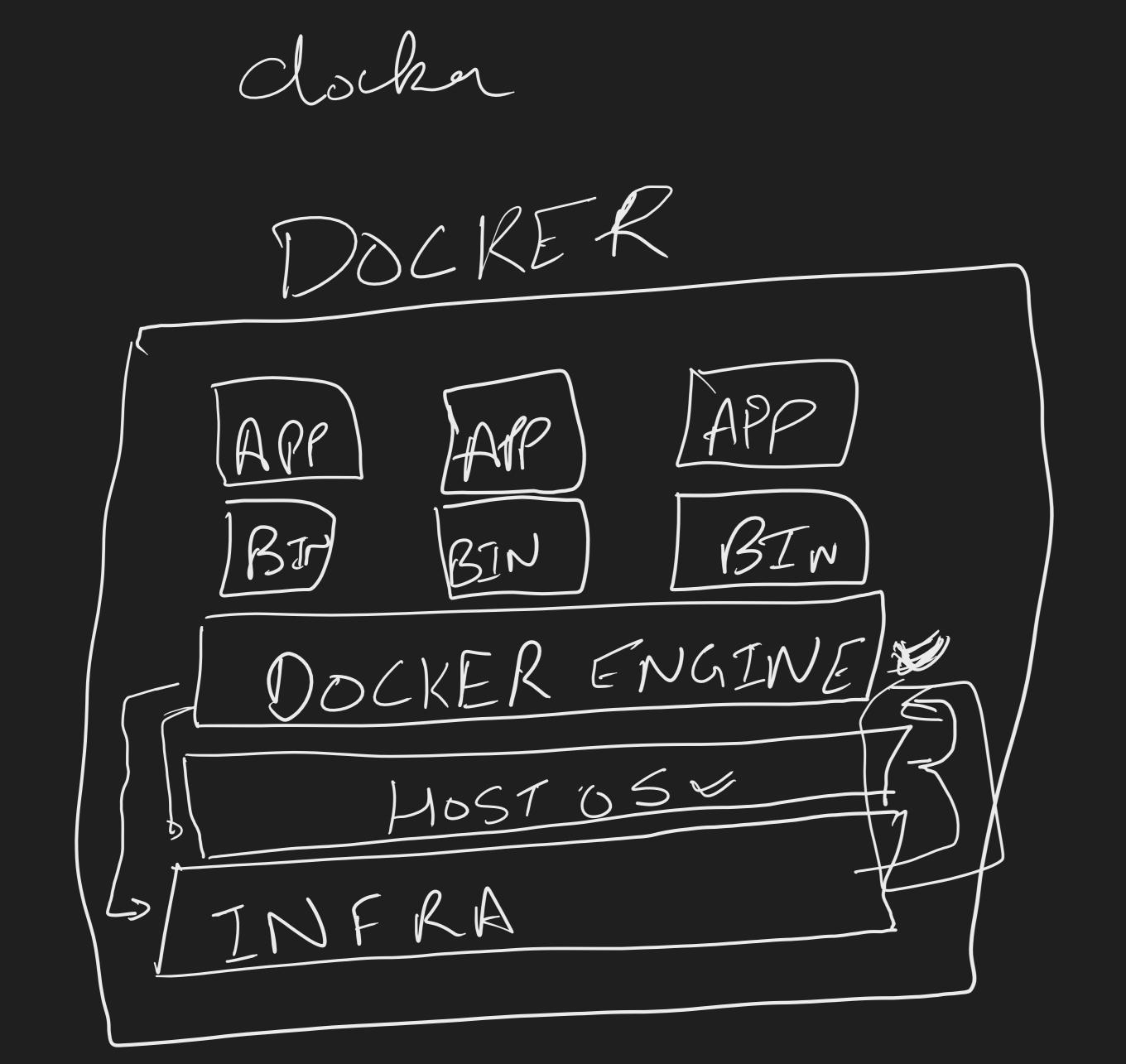
Dower Cost

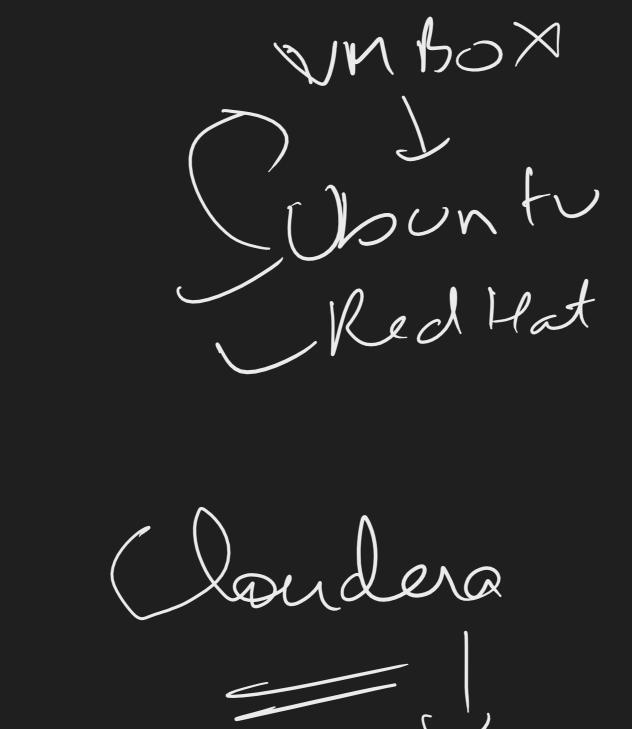
Dower Cost

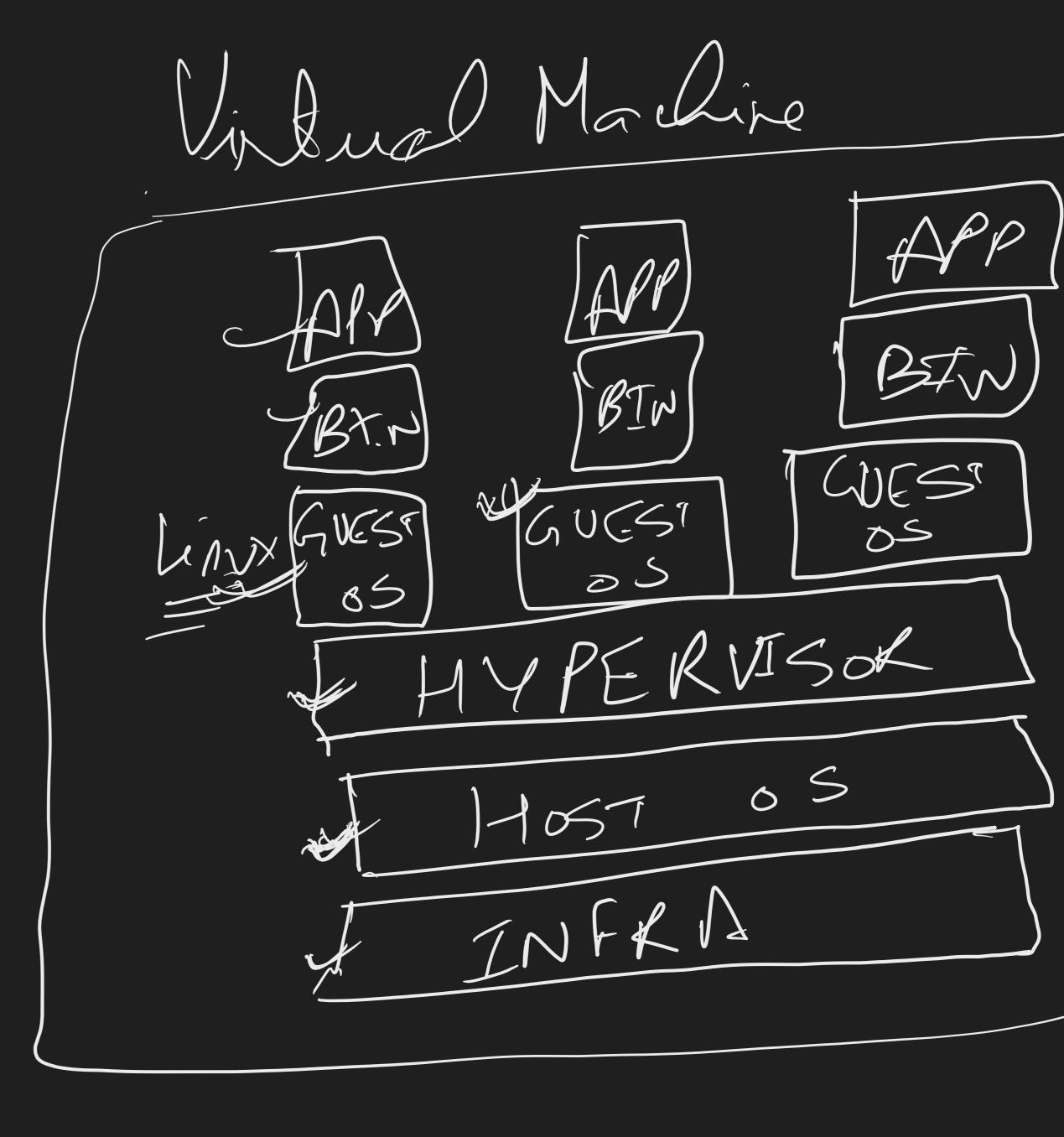
Dower Cost

(8) Low maintainibility (8) High maintainibility
(9) Aug prog. (9) Very Skilled prog.

H Docker Vs Virtual Machines







MB