

Anatomy of an Application/Software

An application (software) is a set of instructions designed to make the computer do something for the user.

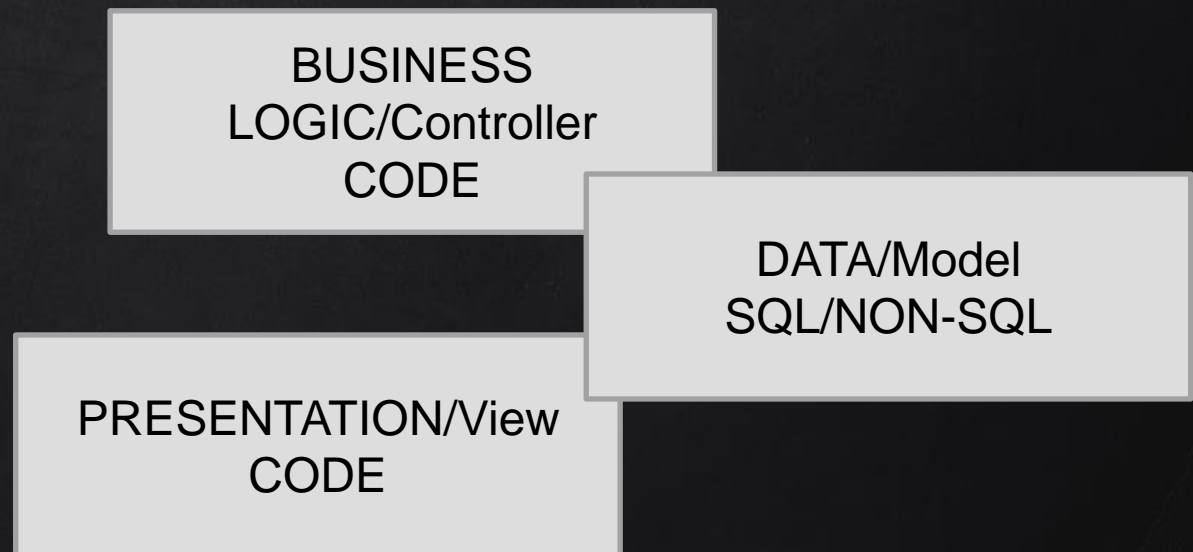
PRESENTATION/View
CODE

BUSINESS LOGIC/Controller
CODE

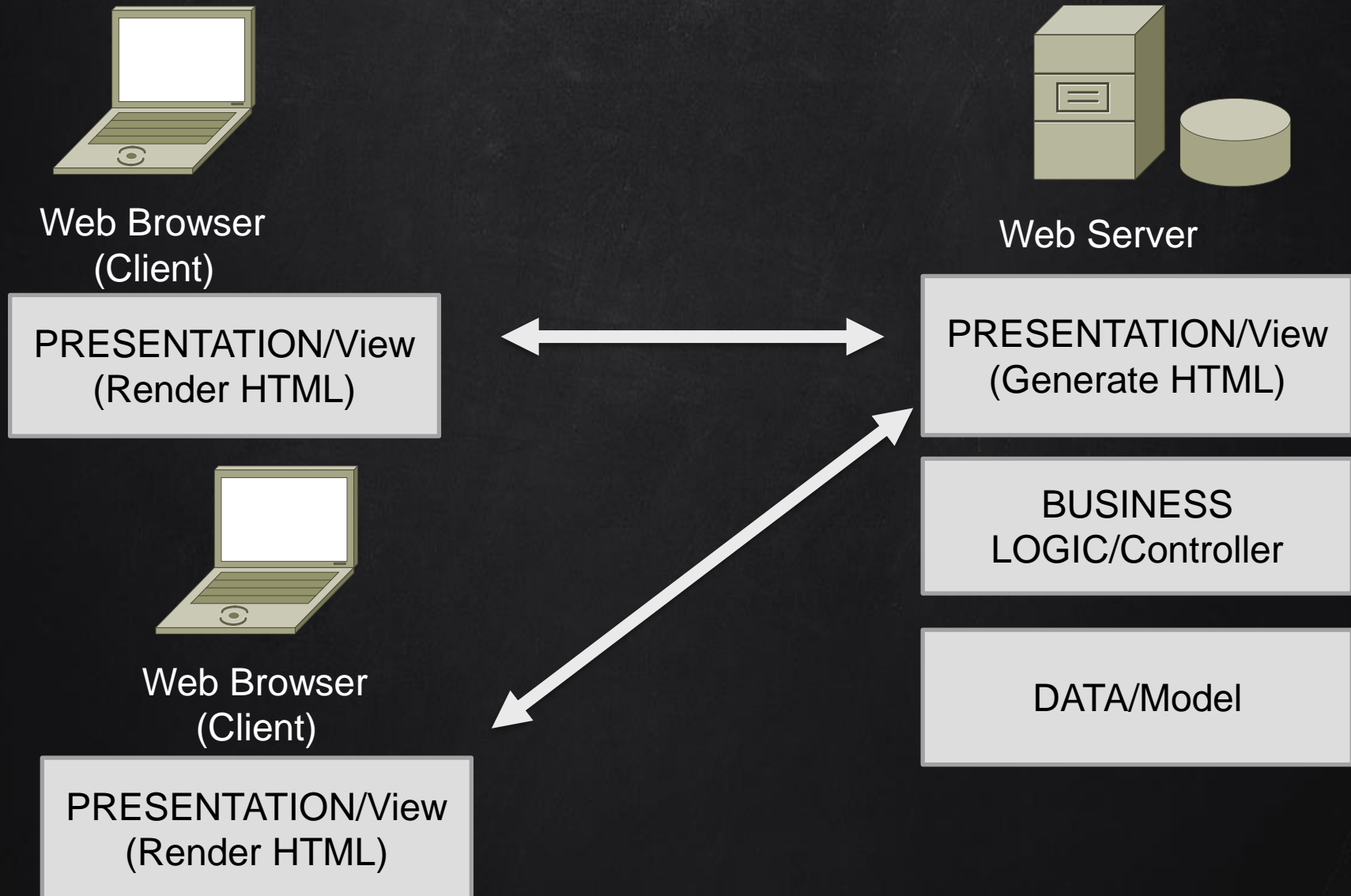
DATA/Model
SQL/NON-SQL

Software Architecture

- Software can be decoupled and organise to work together to provide a function to the user using different architecture:
 - Client Server
 - Distributed
 - Monolithic (stand-alone)



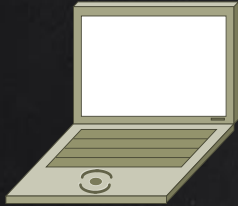
Client Server Architecture (Centralised)



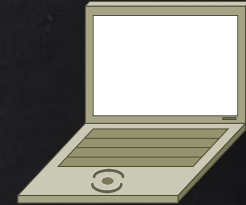
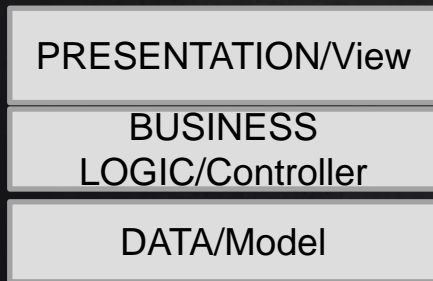
Native Application



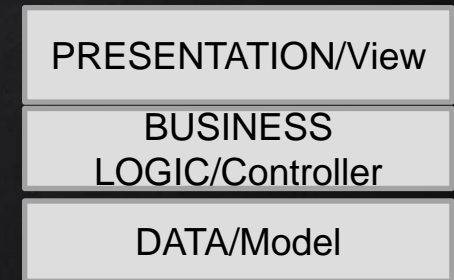
Software Distribution
(App Store)



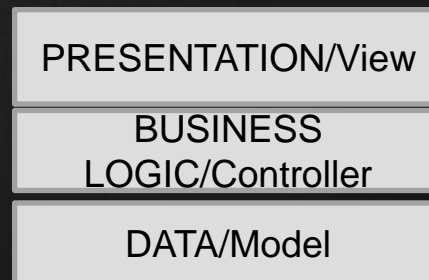
Native App (Monolithic)



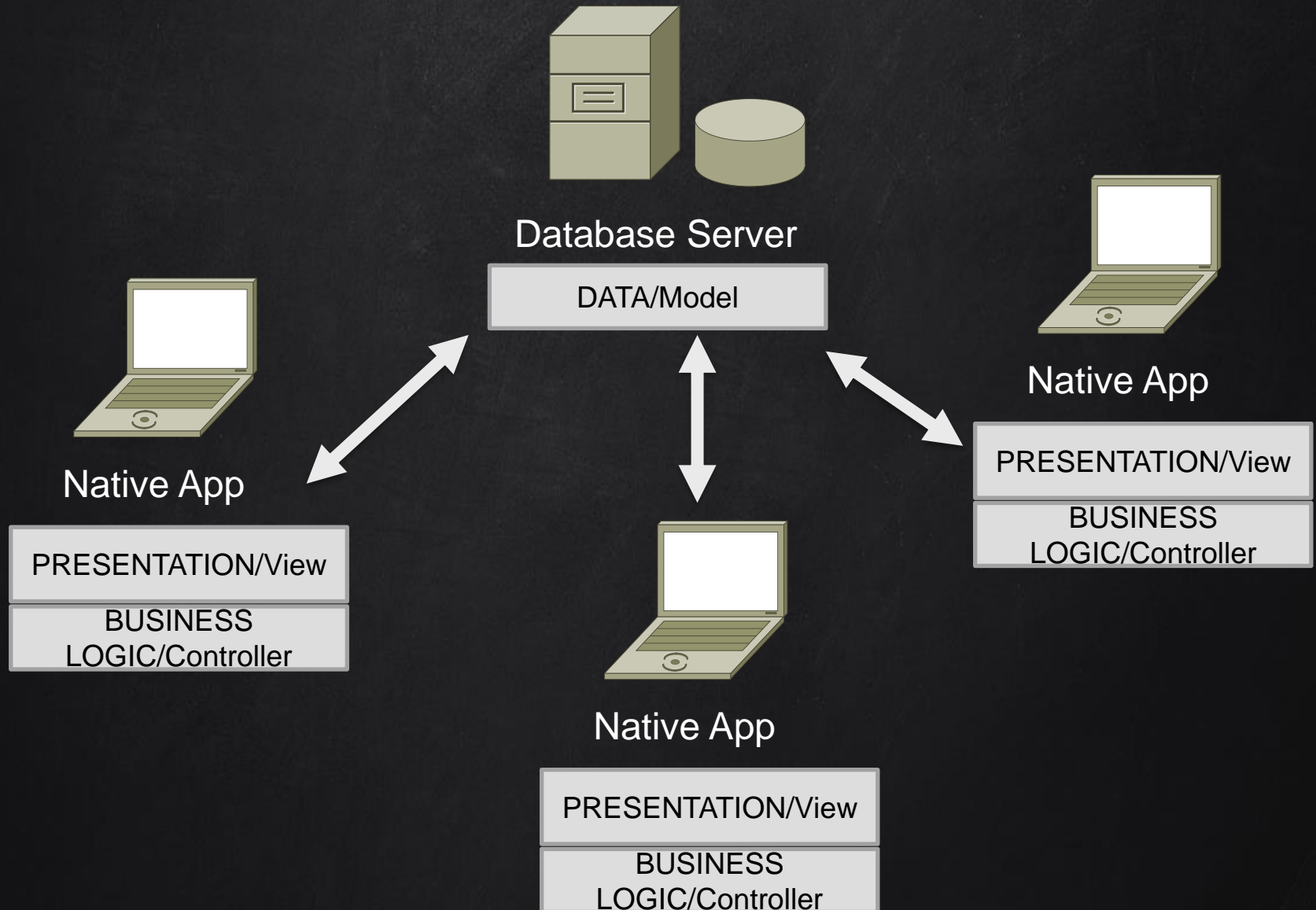
Native App (Monolithic)



Native App (Monolithic)



Native Application (Centralised Client Server)



Native App (De-centralised)

