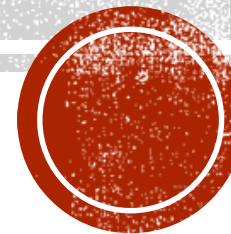
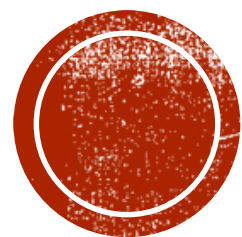


РАЗВОЈ СОФТВЕРА 2

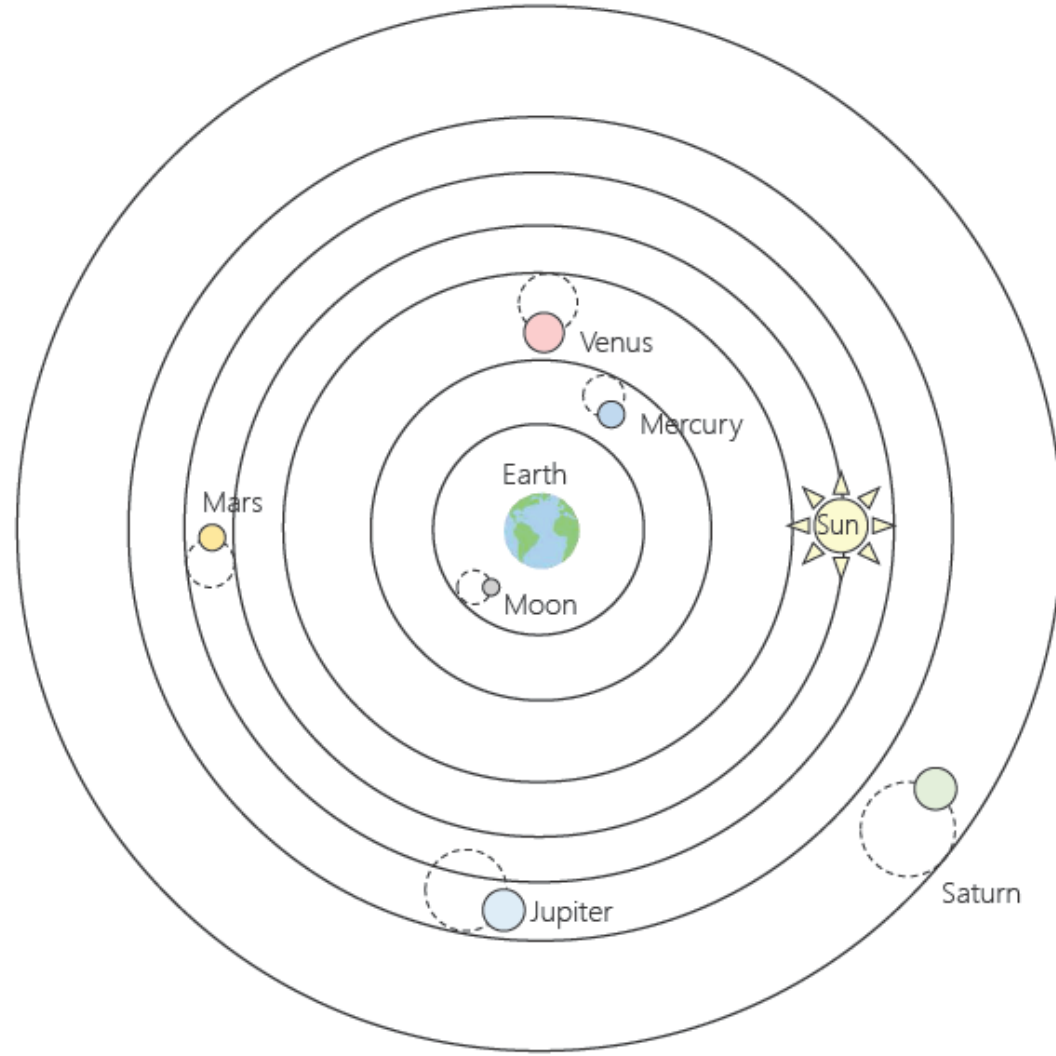
Архитектура усмерена према домену

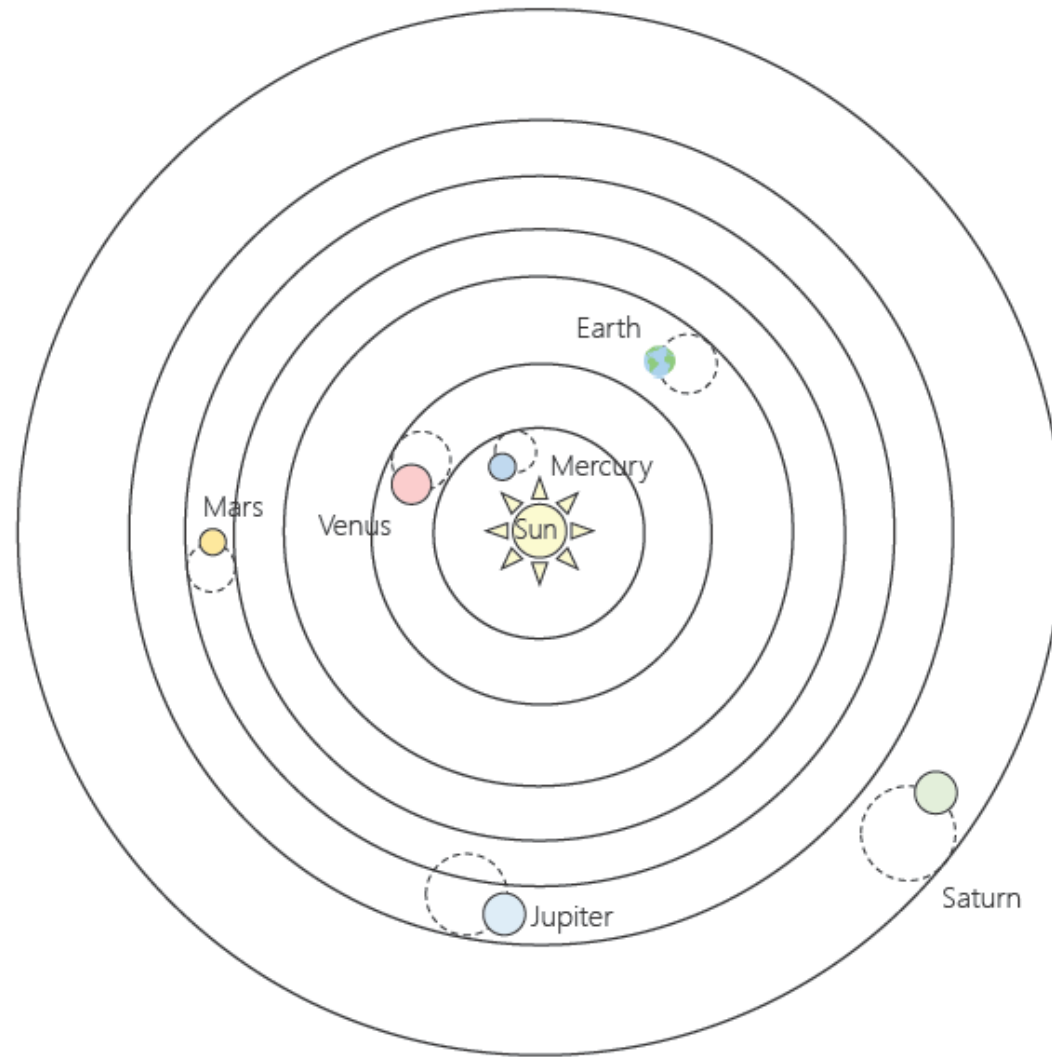


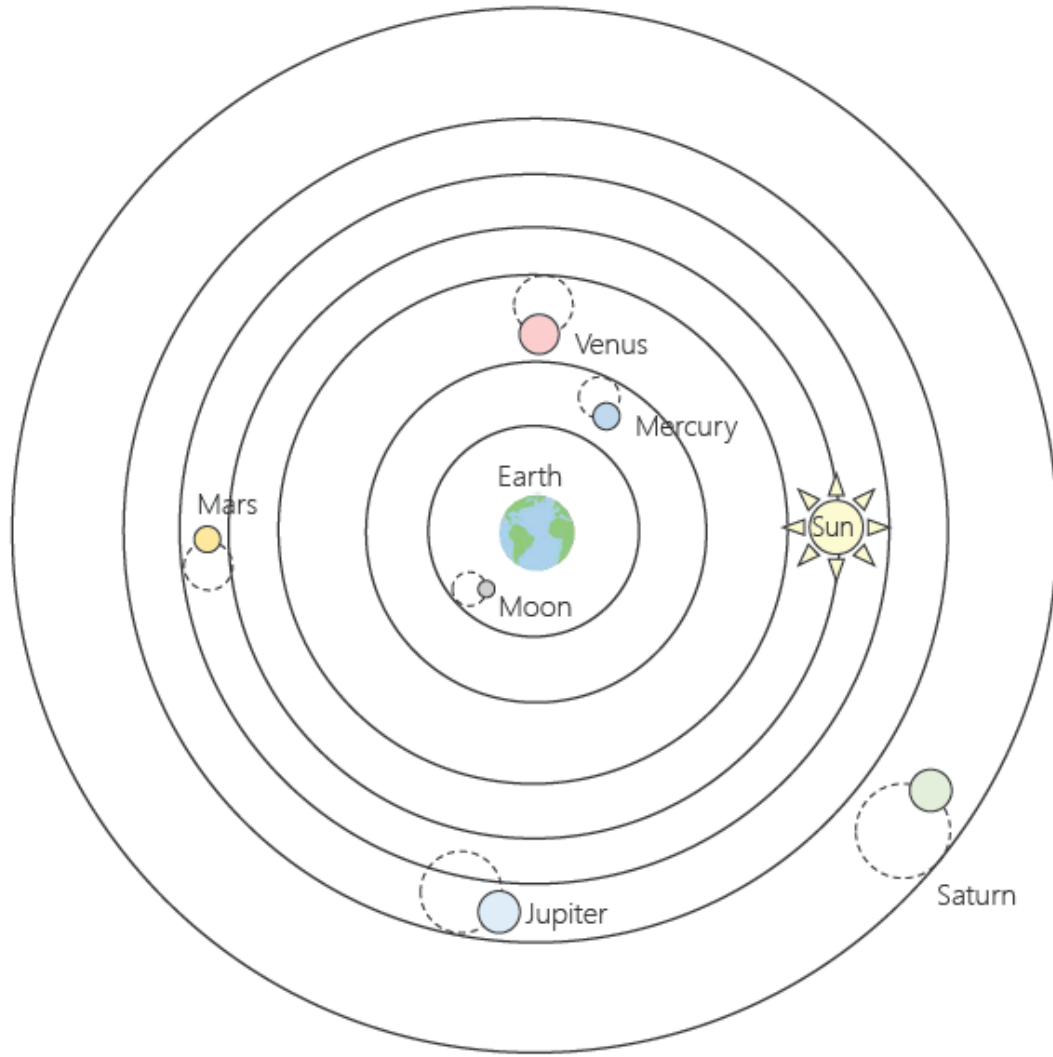


ЗНАЧАЈ ОДЛУКЕ ШТА СЕ НАЛАЗИ У ЦЕНТРУ ПРОУЧАВАЊА

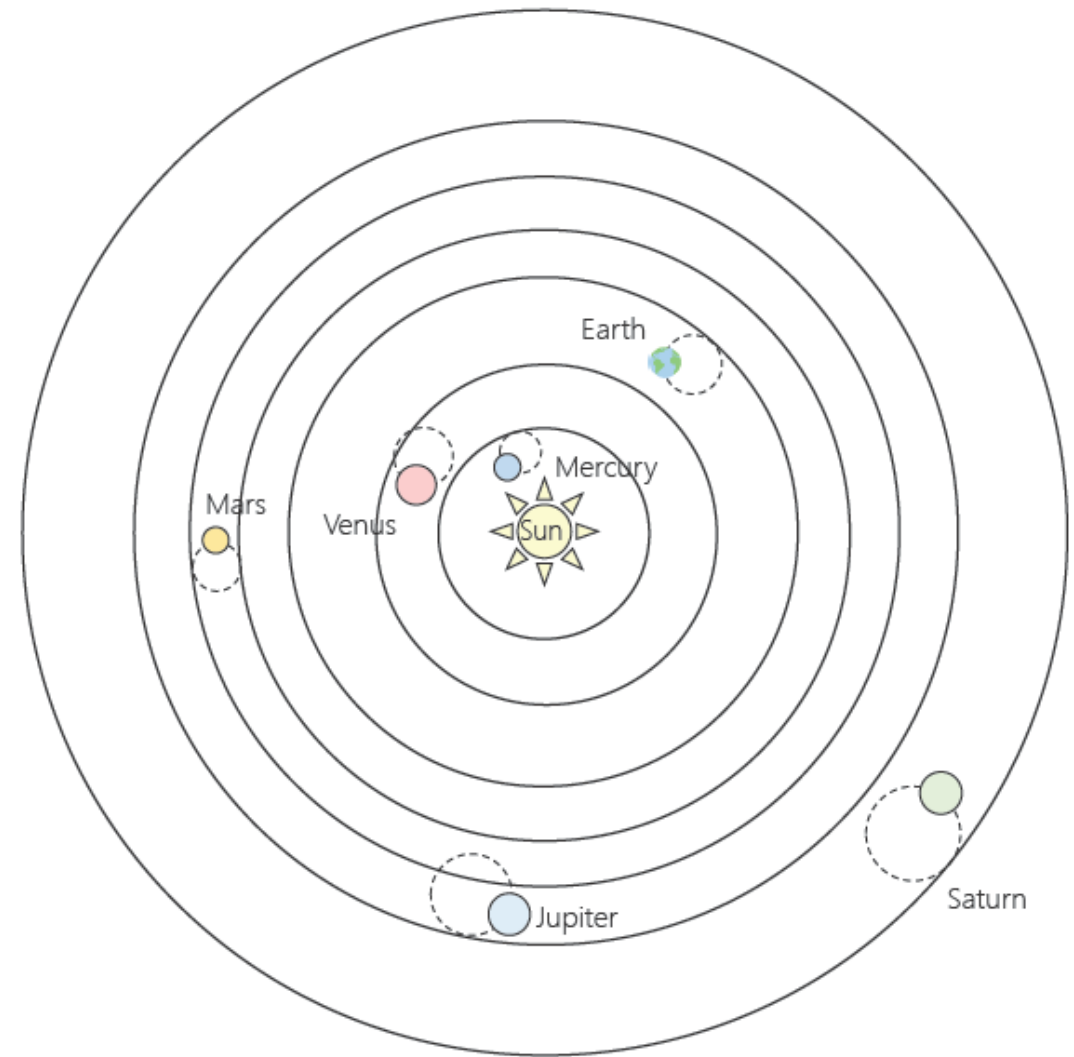






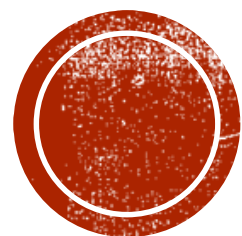


Geocentric Model



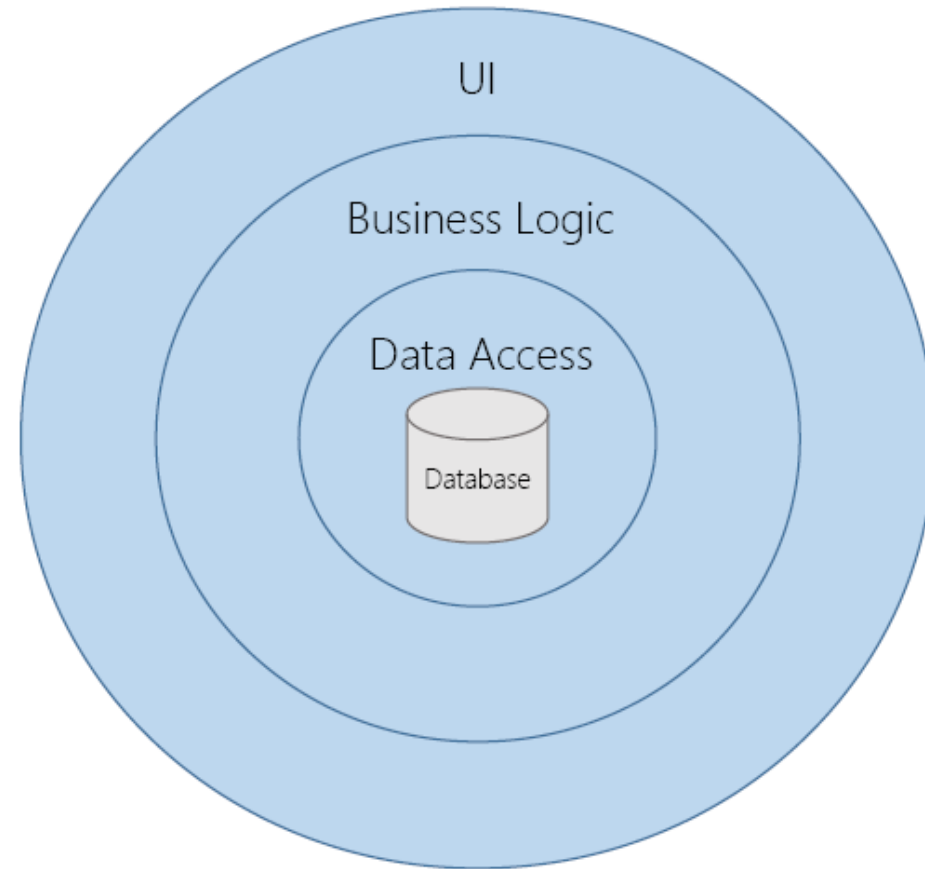
Heliocentric Model



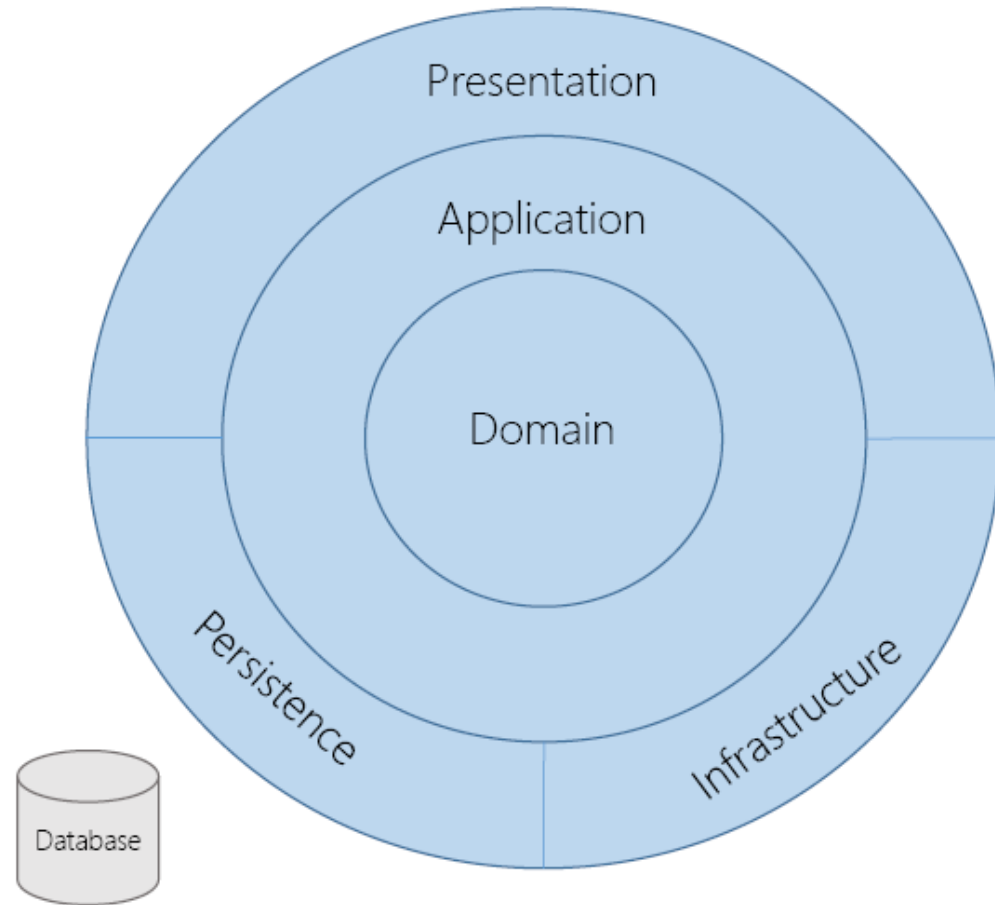
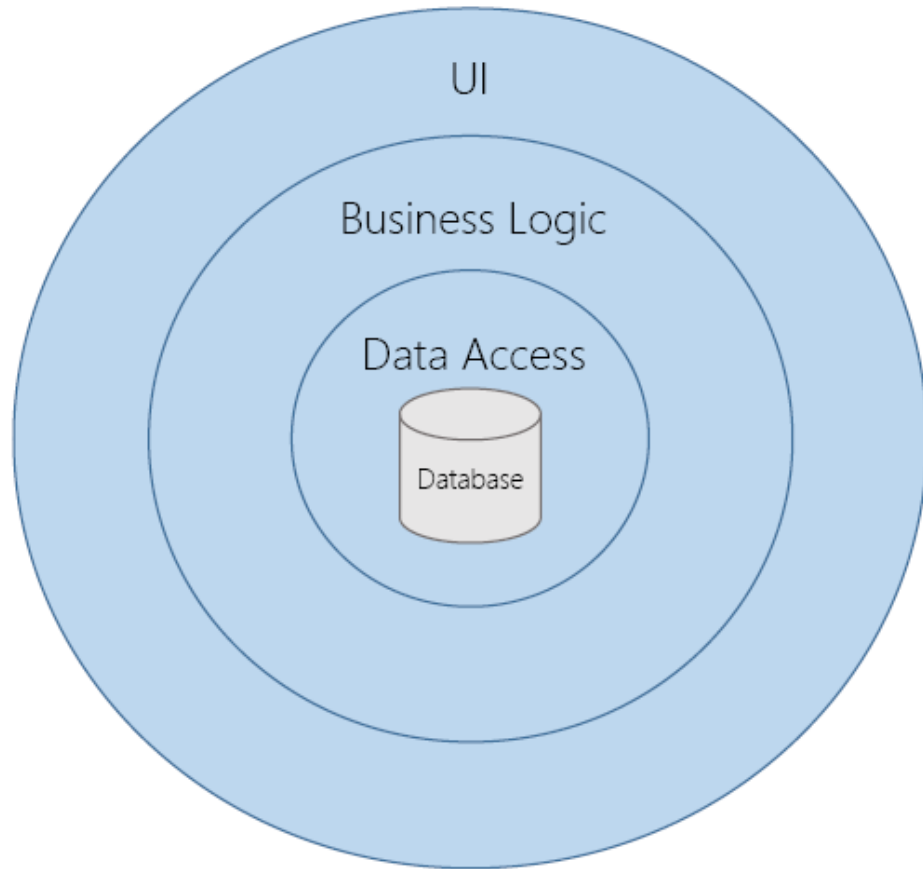


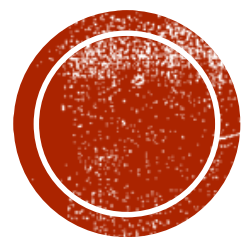
АРХИТЕКТУРА УСМЕРЕНА
ПРЕМА БАЗИ
НАСПРАМ
АРХИТЕКТУРЕ УСМЕРЕНЕ
ПРЕМА ДОМЕНУ

Classic 3-layer Database-centric Architecture



Database- vs. Domain-centric Architecture





КАРАКТЕРИСТИКЕ АРХИТЕКТУРЕ УСМЕРЕНЕ ПРЕМА ДОМЕНУ



"The first concern of the architect is to make sure that the house is usable, it is not to ensure that the house is made of brick."

– Uncle Bob



Essential vs. Detail

Space is essential

Usability is essential



Essential vs. Detail

Building material is a detail

Ornamentation is a detail



Essential vs. Detail

Domain is essential

Use cases are essential



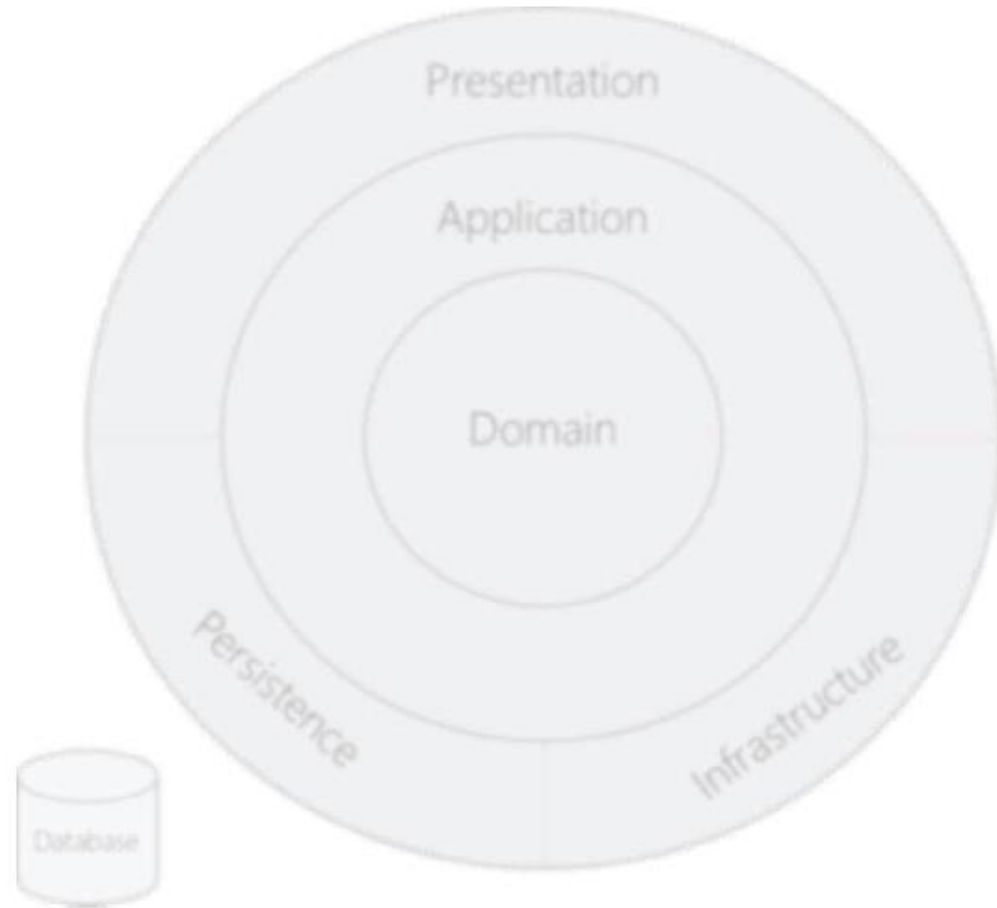
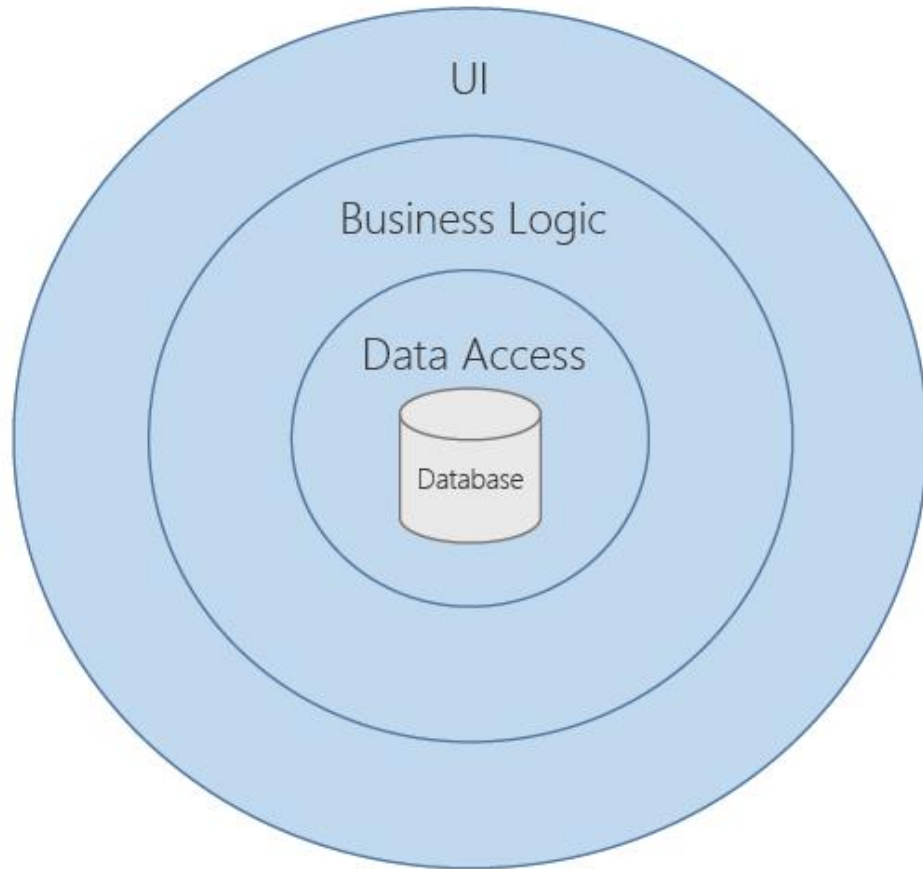
Essential vs. Detail

Presentation is a detail

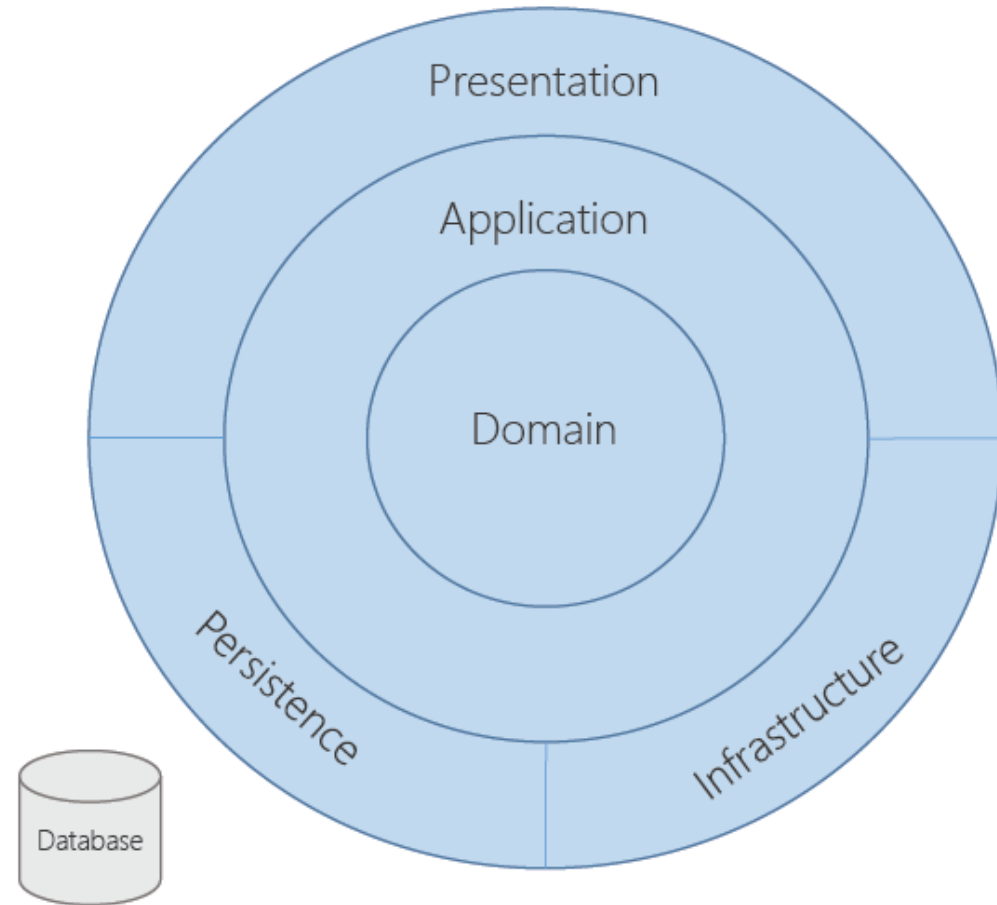
Persistence is a detail



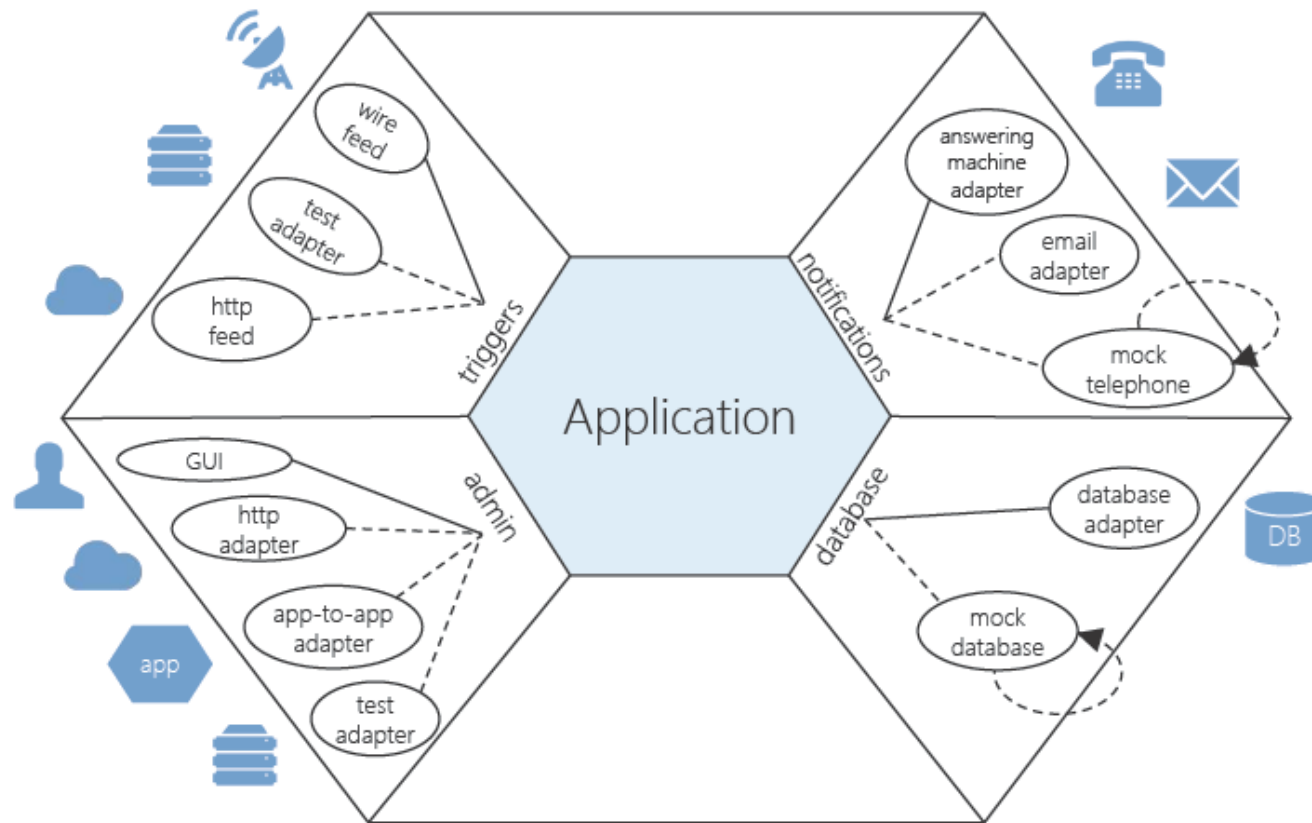
Database- vs. Domain-centric Architecture



Database- vs. Domain-centric Architecture



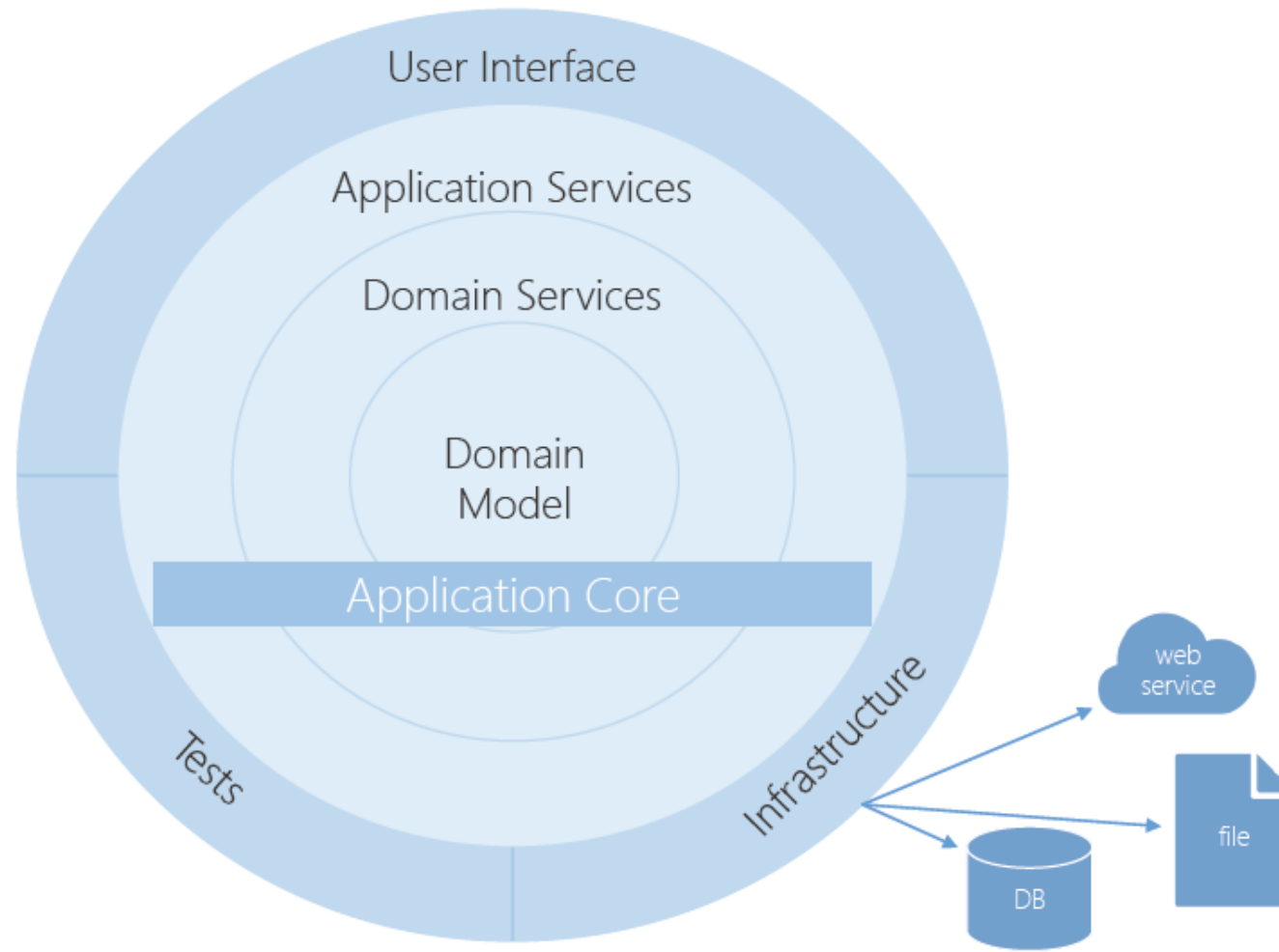
Hexagonal Architecture



Original source: <http://alistair.cockburn.us/Hexagonal+architecture>



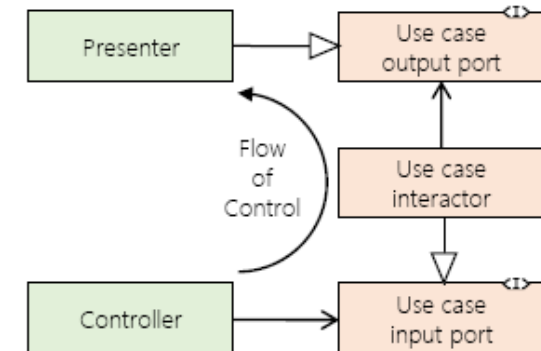
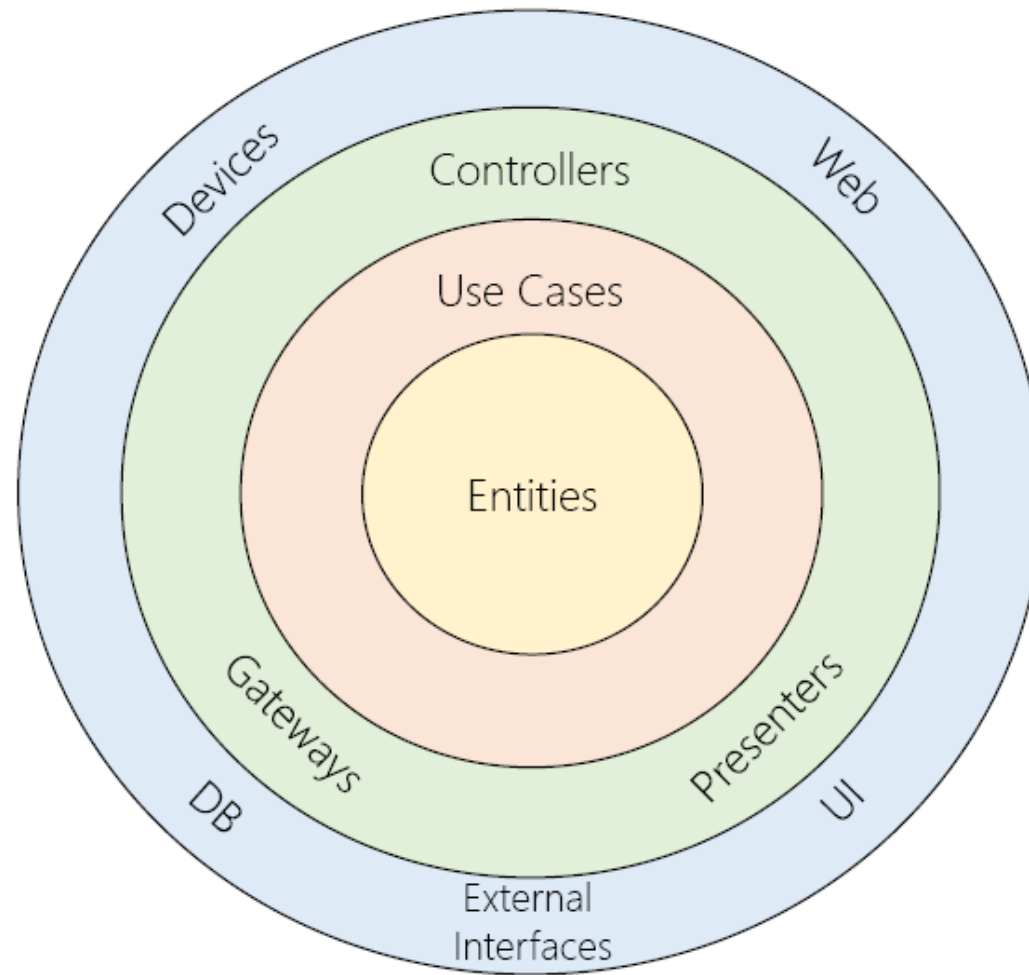
Onion Architecture



Original source: <http://jeffreypalermo.com/blog/the-onion-architecture-part-2/>



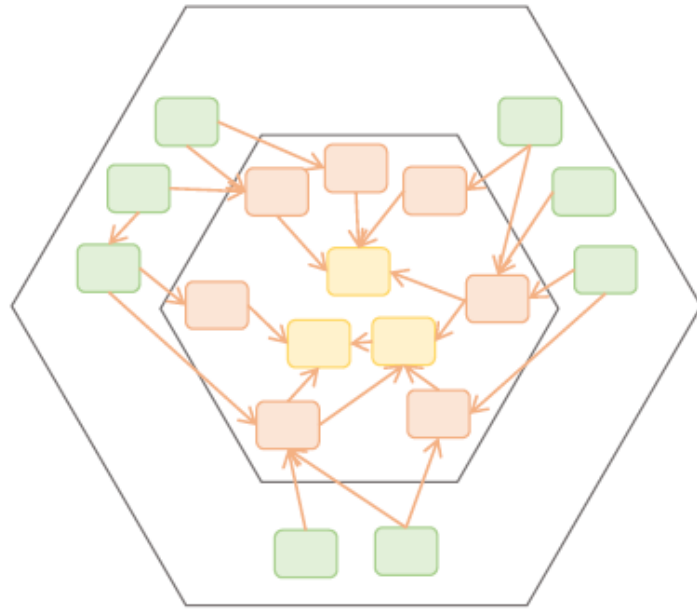
Clean Architecture



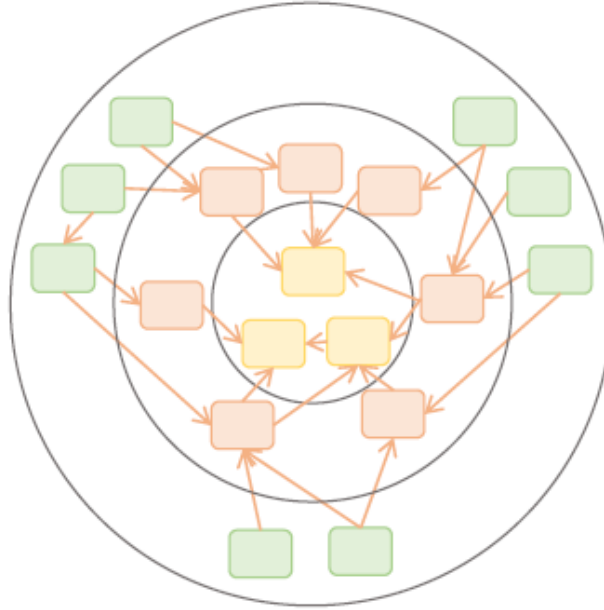
Original source: <http://blog.8thlight.com/uncle-bob/2012/08/13/the-clean-architecture.html>



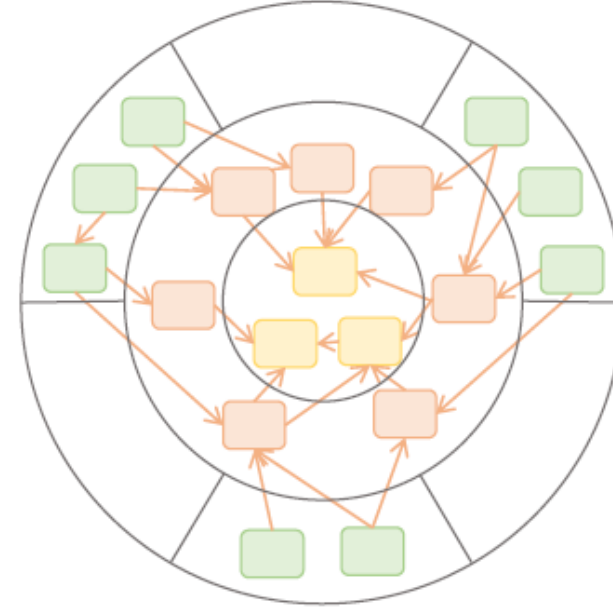
It's All the Same Thing



Hexagonal



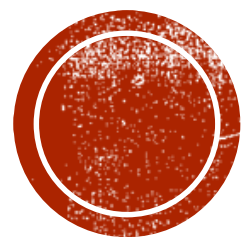
Onion



Clean

Original Source: <http://blog.ploeh.dk/2013/12/03/layers-onions-ports-adapters-its-all-the-same/>





ПРЕДНОСТИ И МАНЕ АРХИТЕКТУРЕ УСМЕРЕНЕ ПРЕМА ДОМЕНУ



Why Use Domain-Centric Architecture?

Pros

- Focus on essential

- Less coupling to details

- Necessary for DDD



Why Use Domain-Centric Architecture?

Pros

- Focus on essential
- Less coupling to details
- Necessary for DDD

Cons

- Change is difficult
- Requires extra thought
- Initial higher cost

