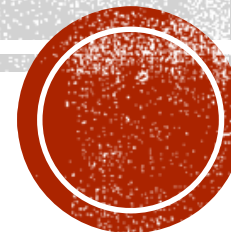
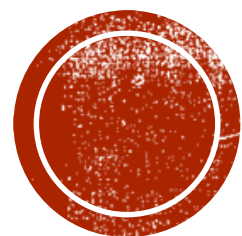


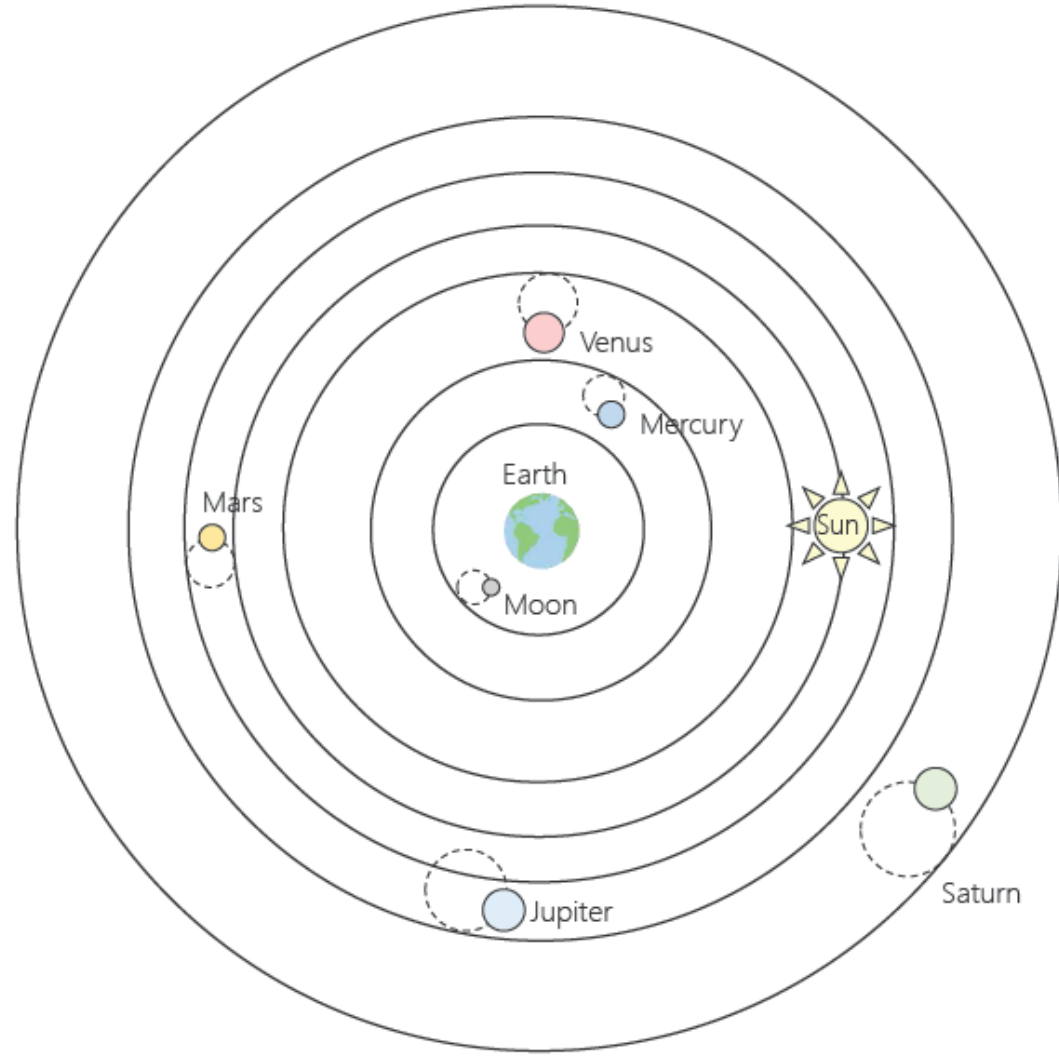
# РАЗВОЈ СОФТВЕРА 2

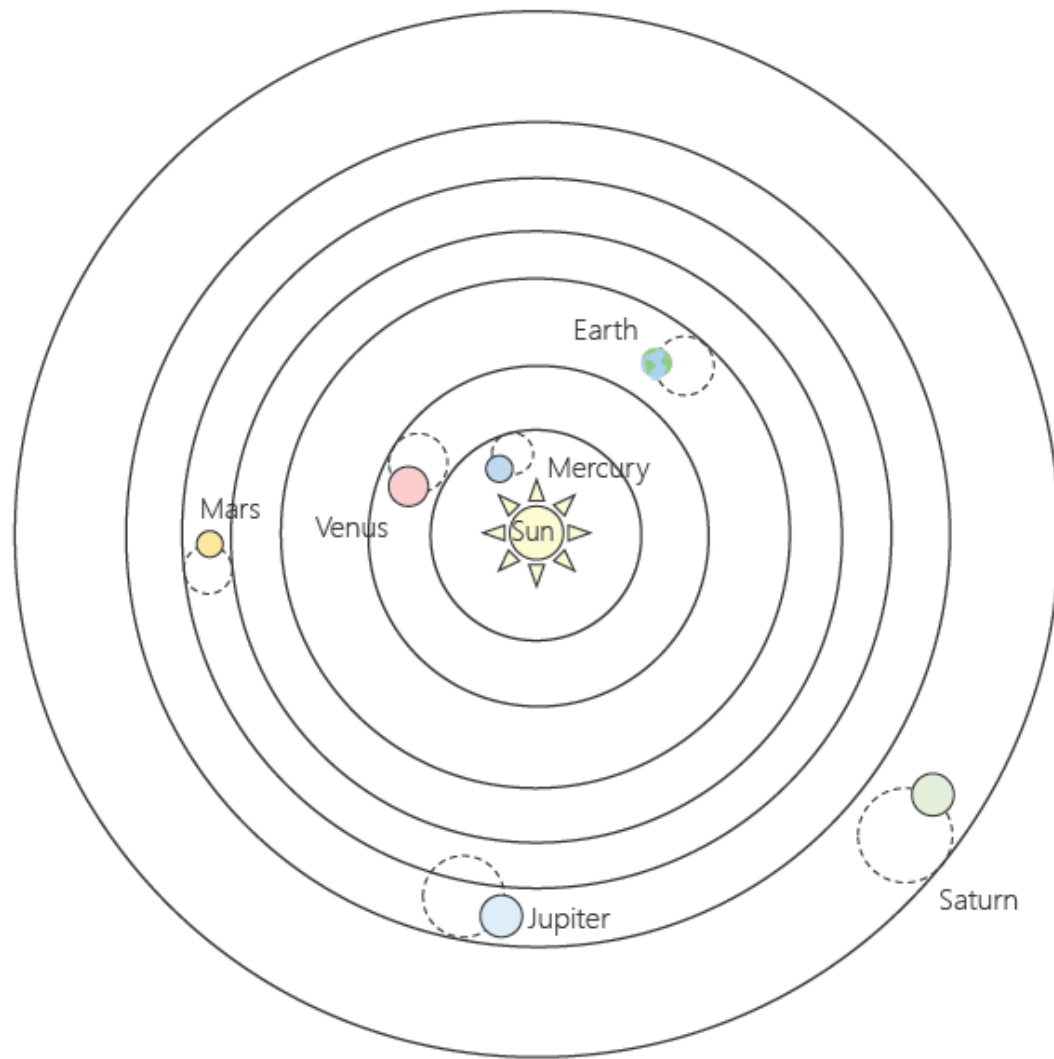
Архитектура усмерена према домену

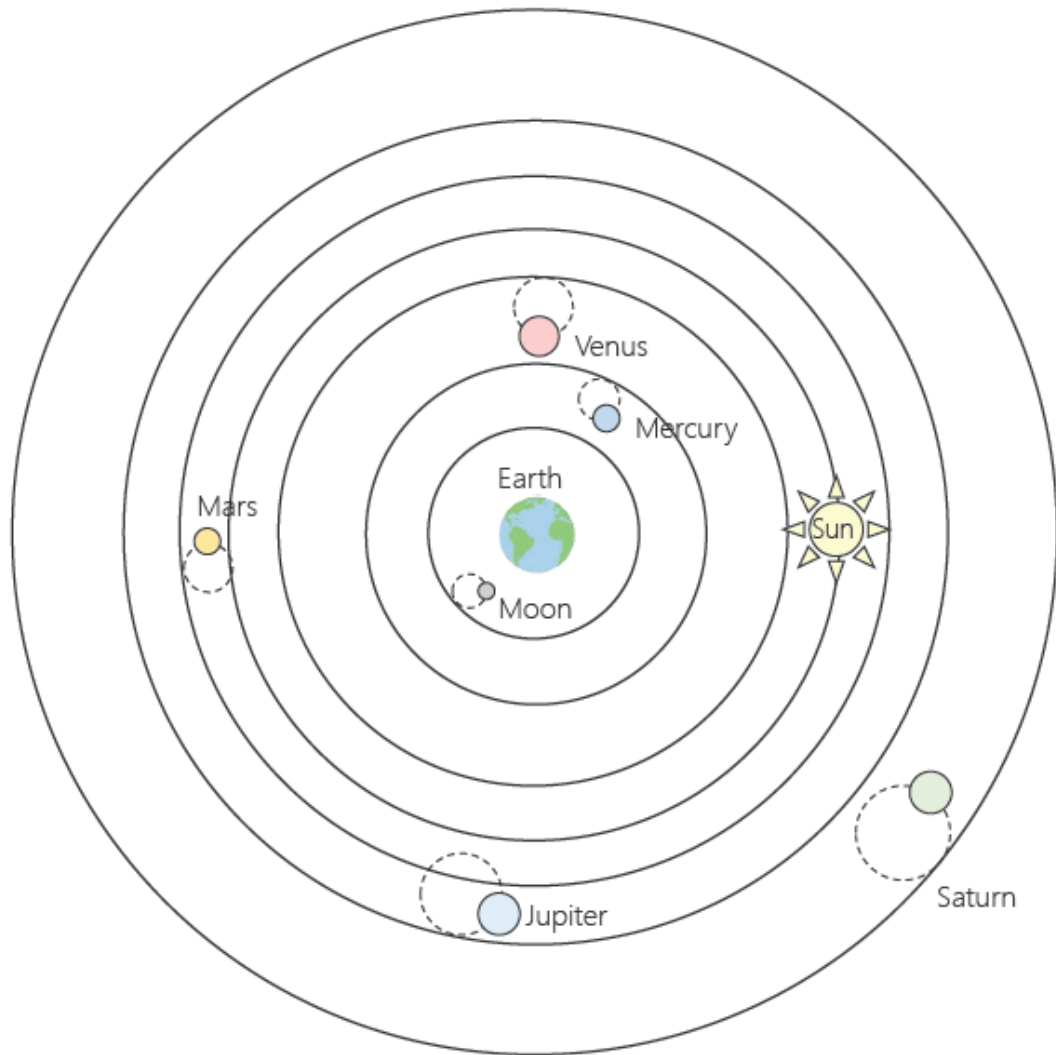




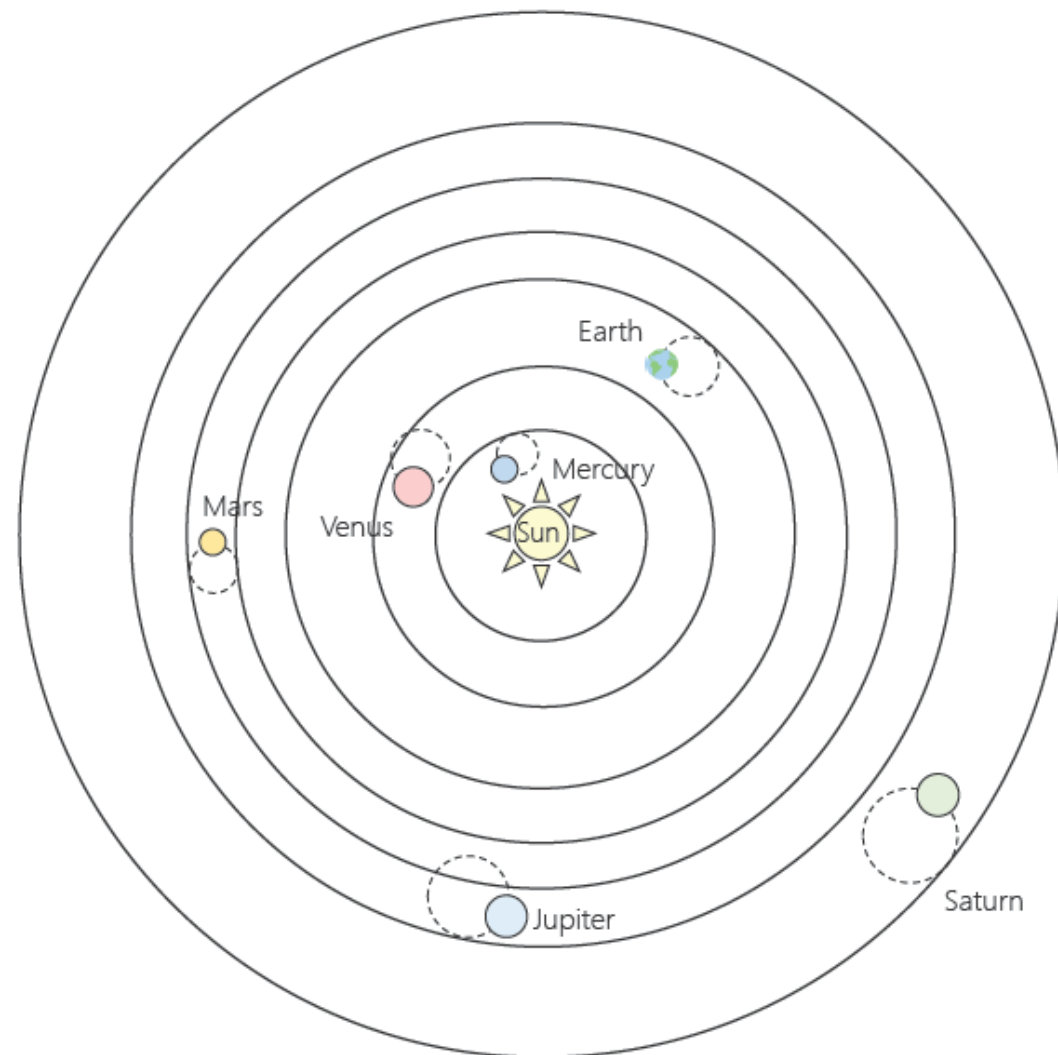
# ЗНАЧАЈ ОДЛУКЕ ШТА СЕ НАЛАЗИ У ЦЕНТРУ ПРОУЧАВАЊА





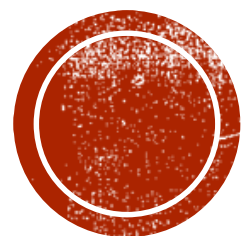


Geocentric Model



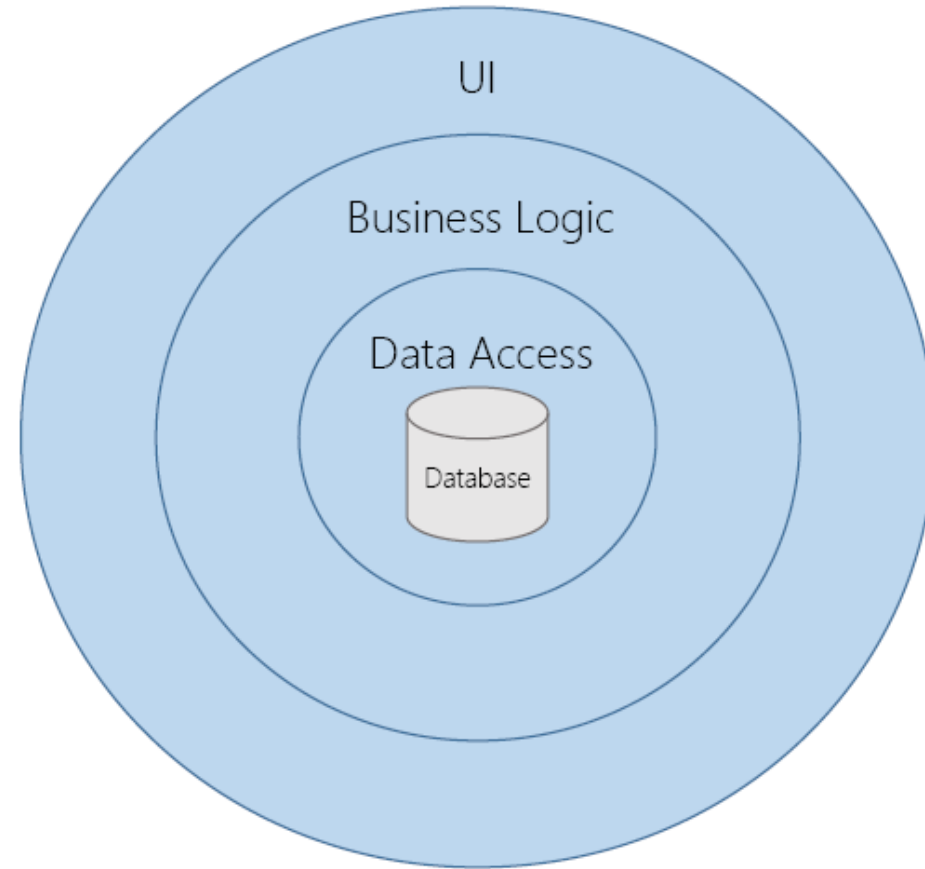
Heliocentric Model



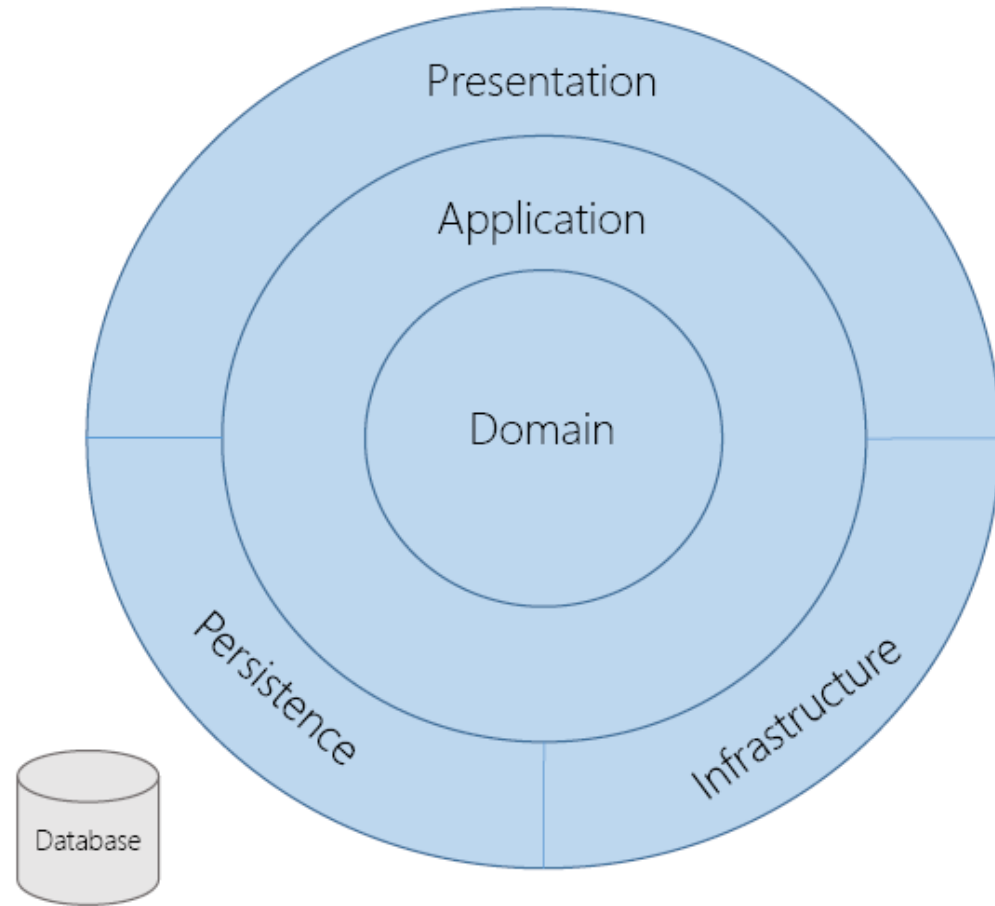
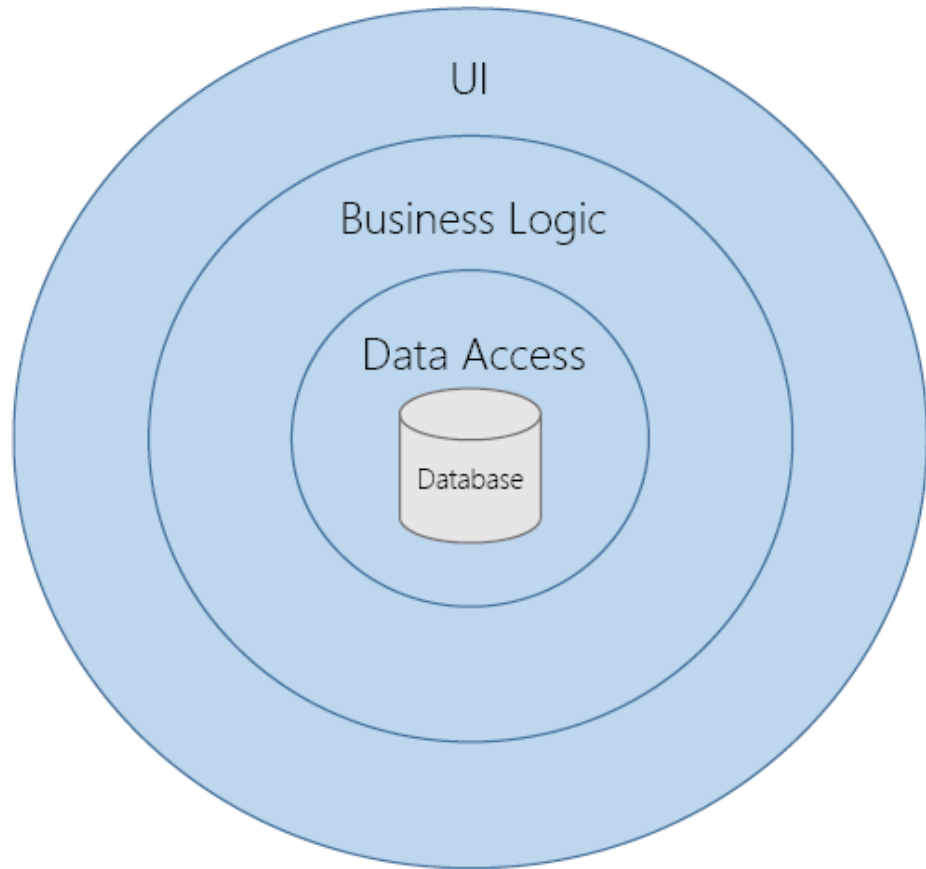


АРХИТЕКТУРА УСМЕРЕНА  
ПРЕМА БАЗИ  
НАСПРАМ  
АРХИТЕКТУРЕ УСМЕРЕНЕ  
ПРЕМА ДОМЕНУ

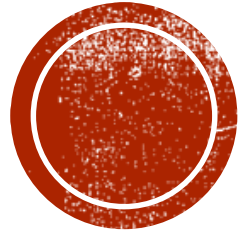
# Classic 3-layer Database-centric Architecture



# 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

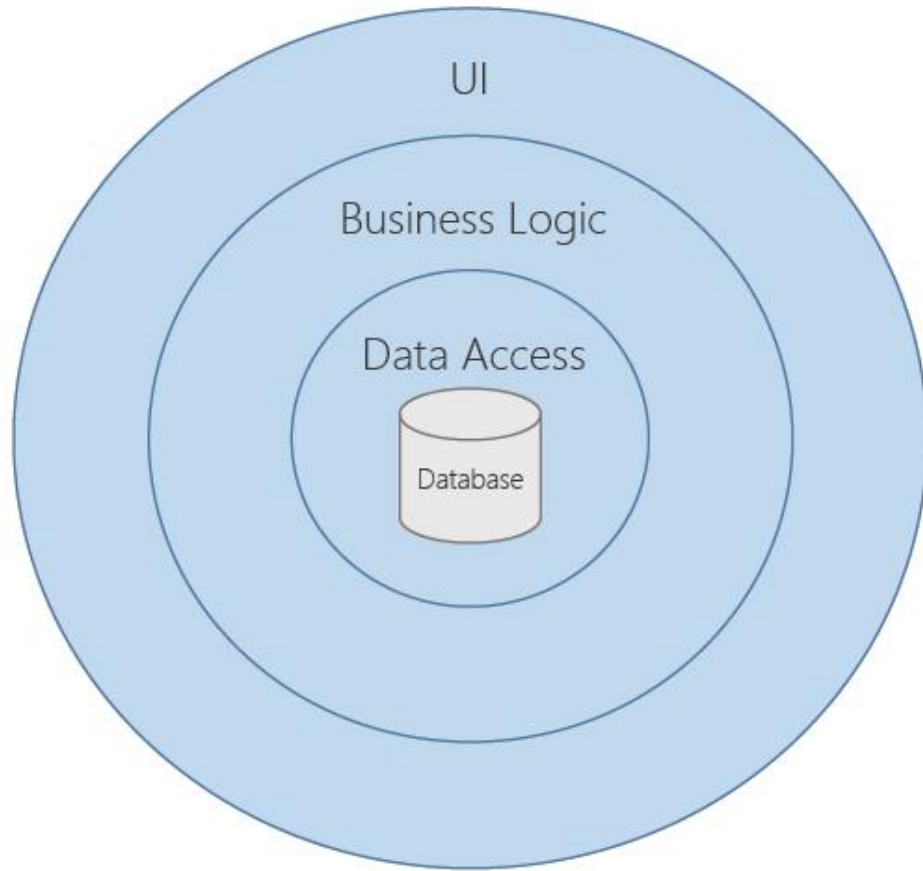
Presentation is a detail

Persistence is a detail

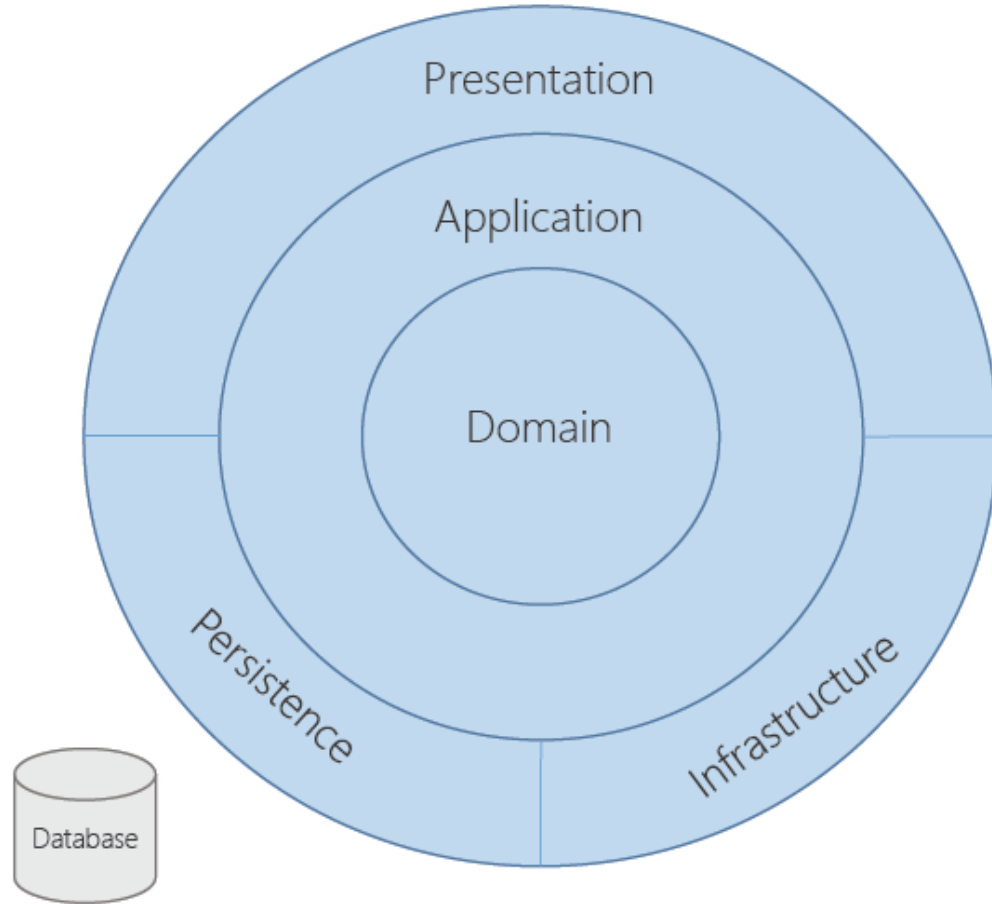




# Database- vs. Domain-centric Architecture

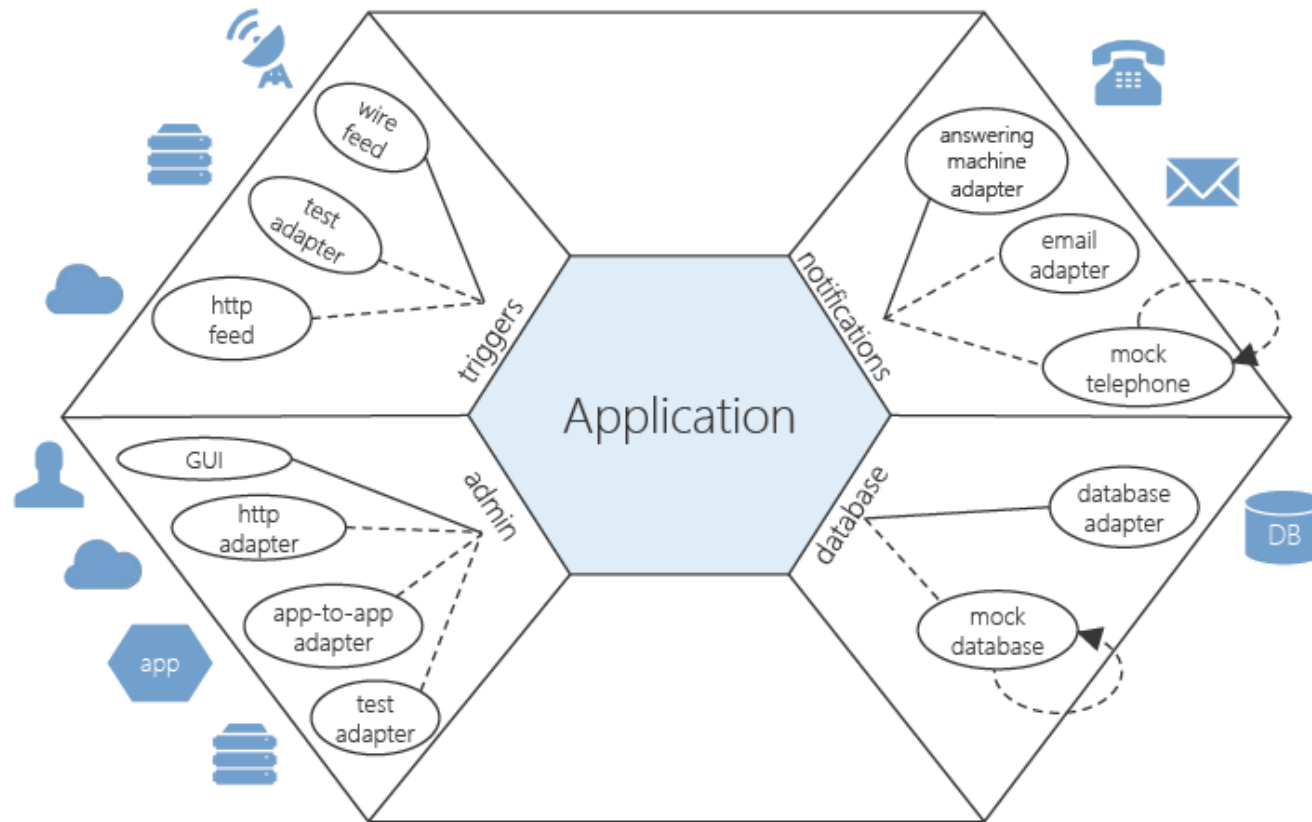


# Database- vs. Domain-centric Architecture





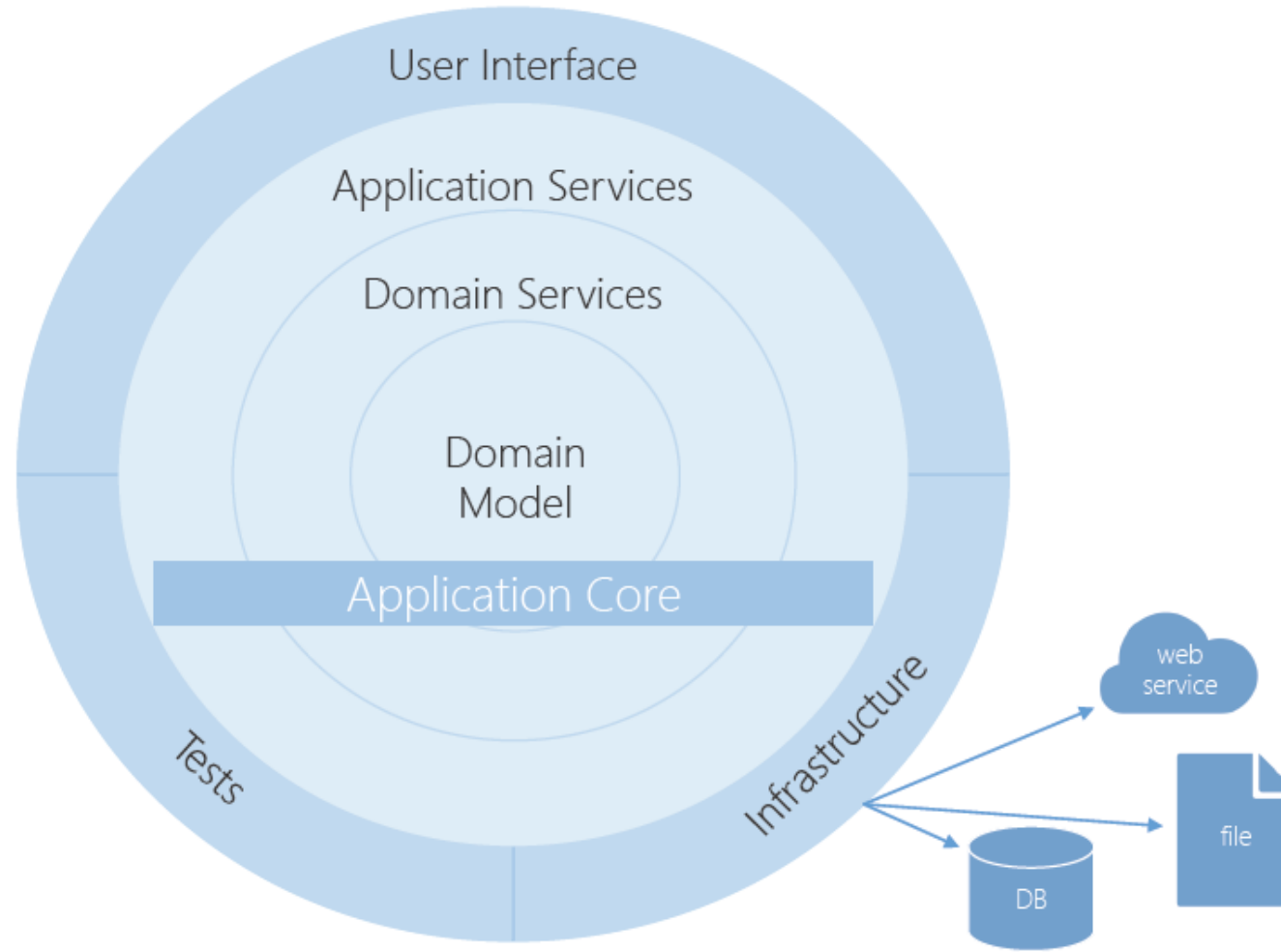
# Hexagonal Architecture



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



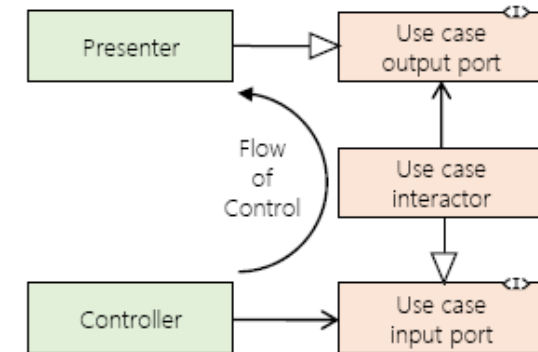
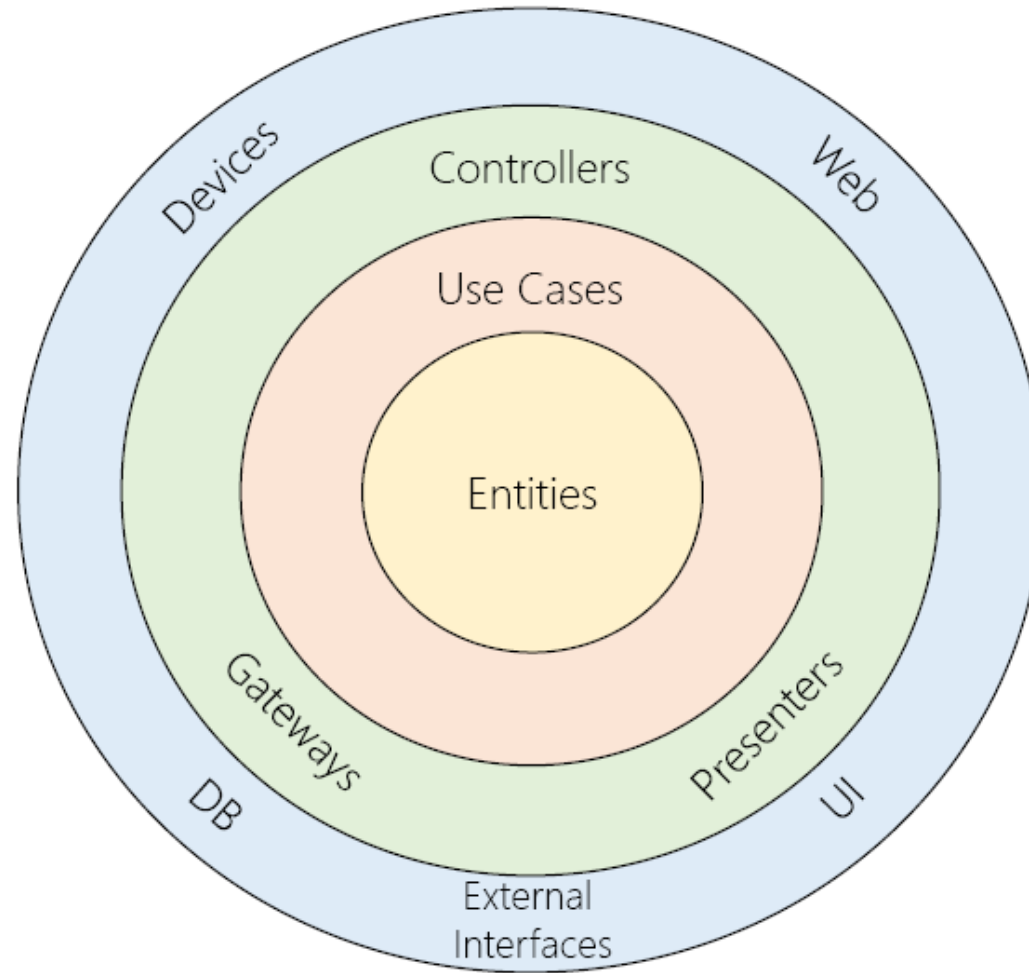
# Onion Architecture



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



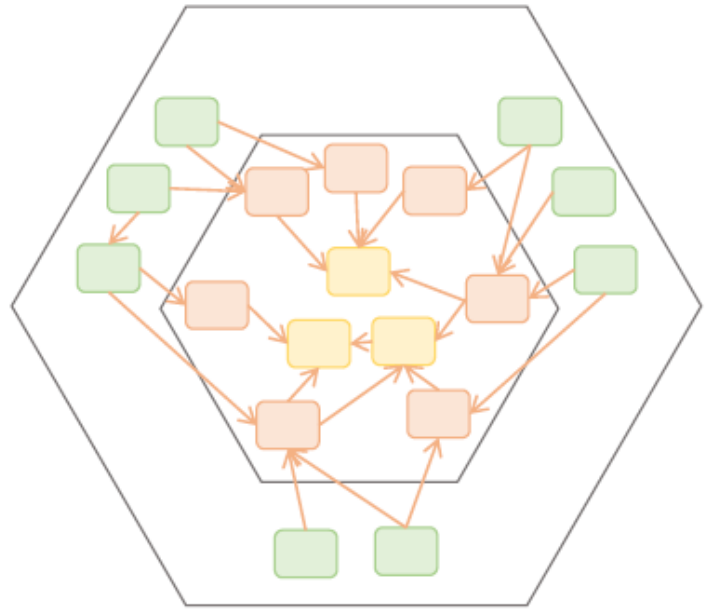
# Clean Architecture



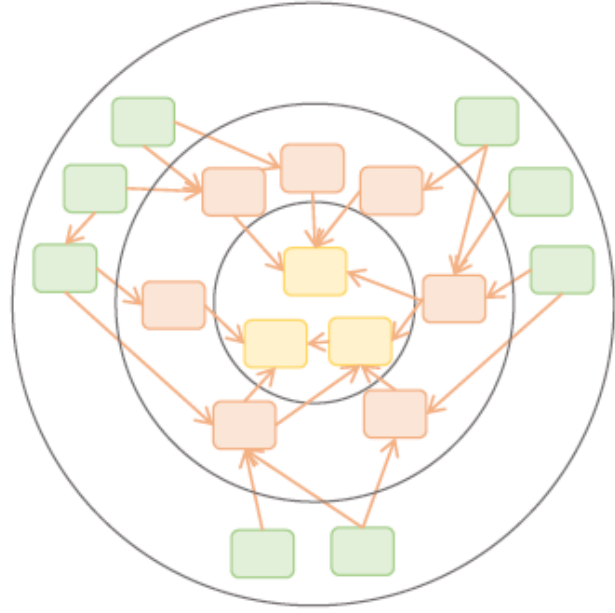
Original source: <http://blog.8thlight.com/uncle-bob/2012/08/13/the-clean-architecture.html>



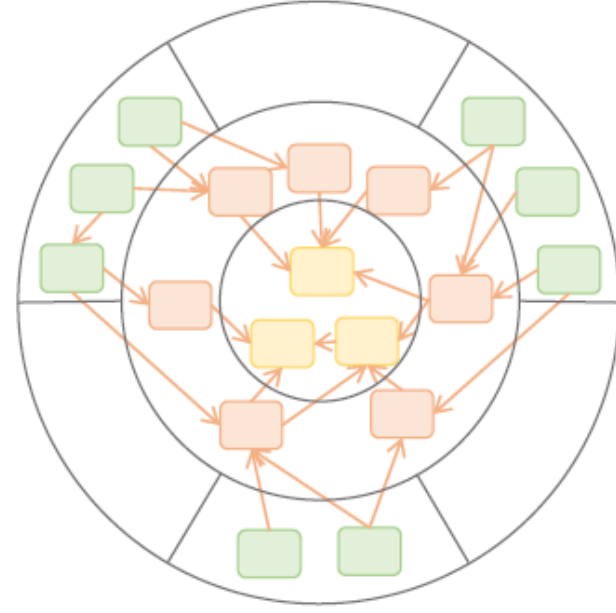
# It's All the Same Thing



Hexagonal



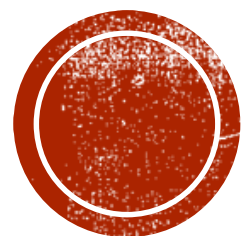
Onion



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



# НАПОМЕНА

Највећи део материјала ове презентације је преузет из презентације **Clean Architecture**, аутора Matthew Renze, која је доступна на адреси:  
<https://matthewrenze.com/wp-content/uploads/presentations/clean-architecture.pdf>