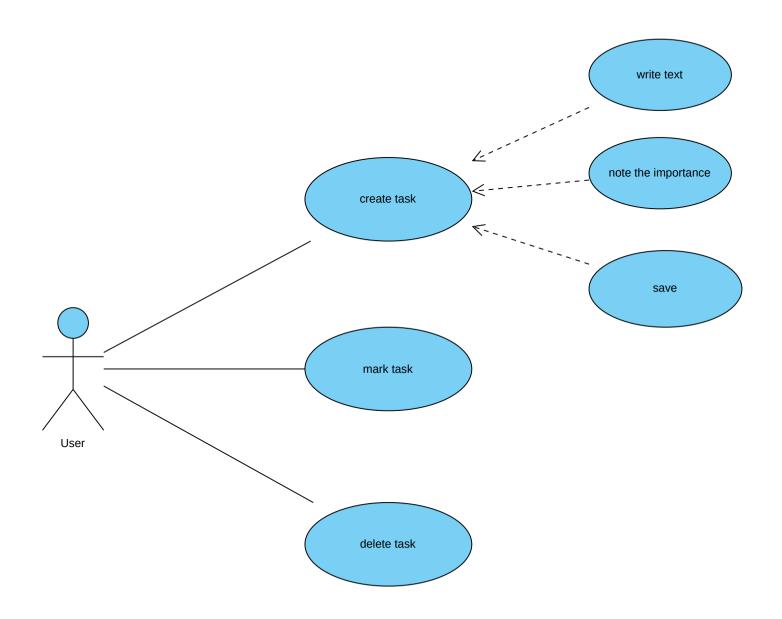
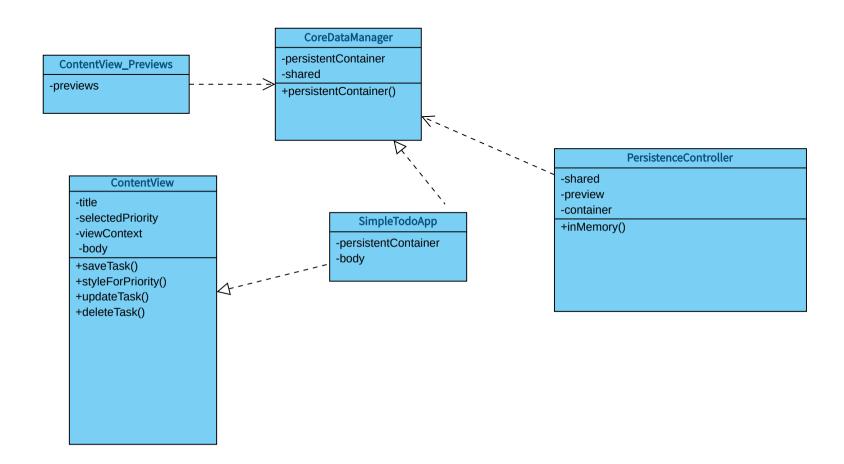
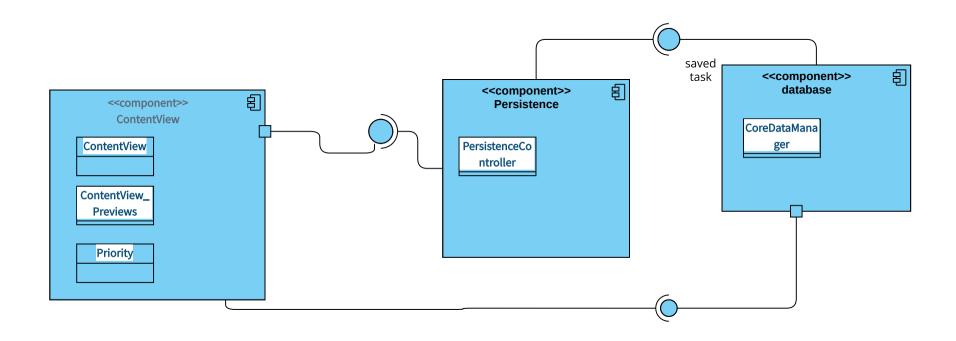
## Use Case



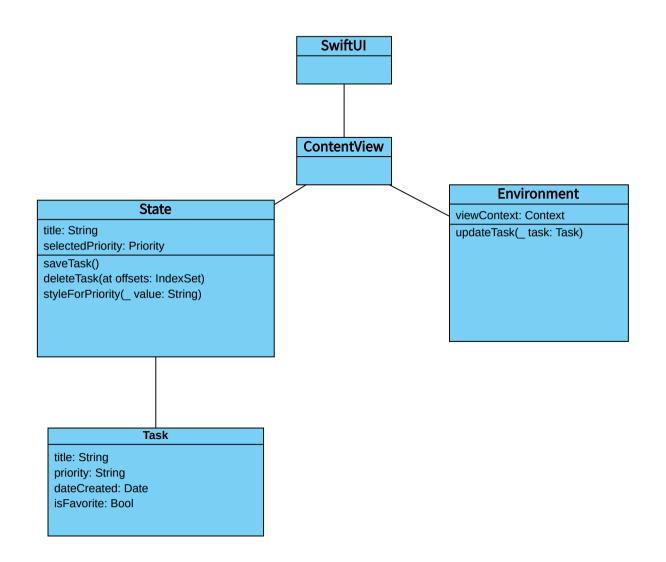
#### Class



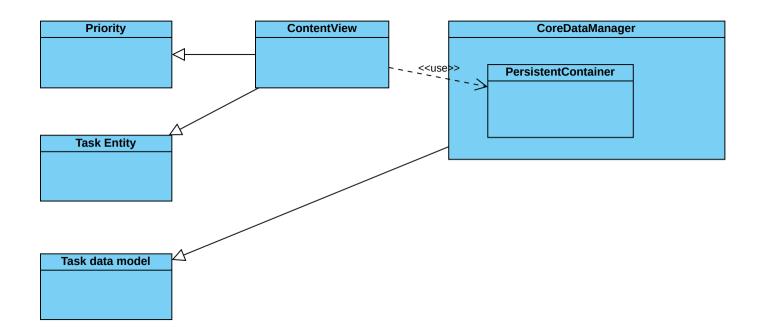
## Component



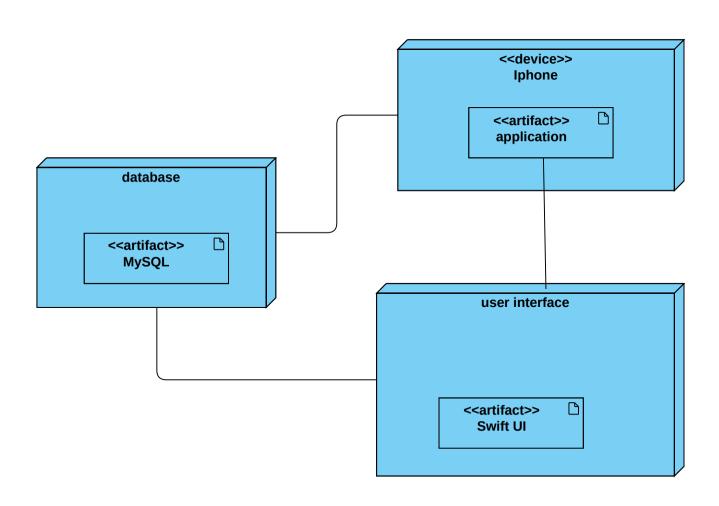
# Object



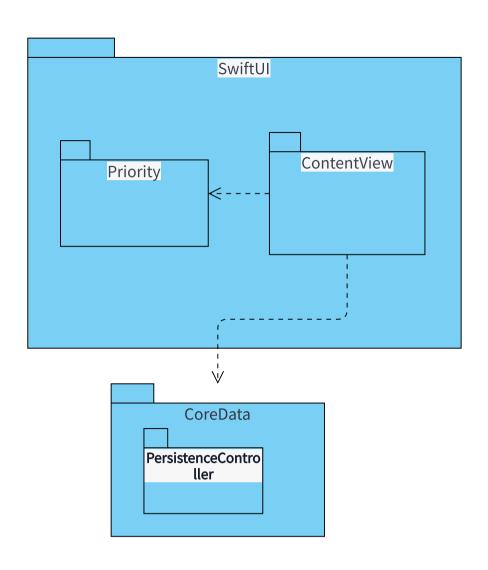
## **Composite Structure**



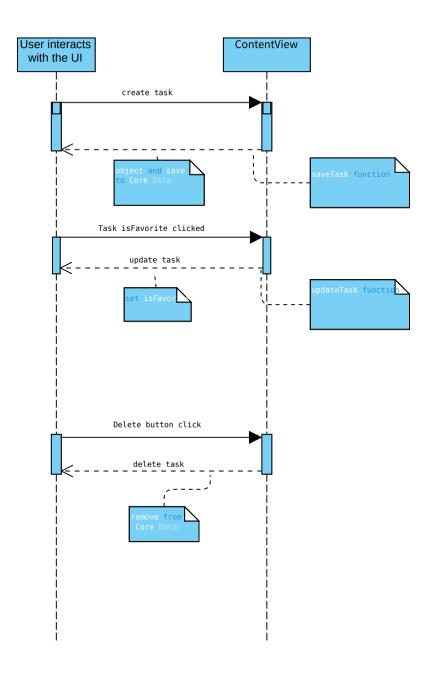
# Deployment



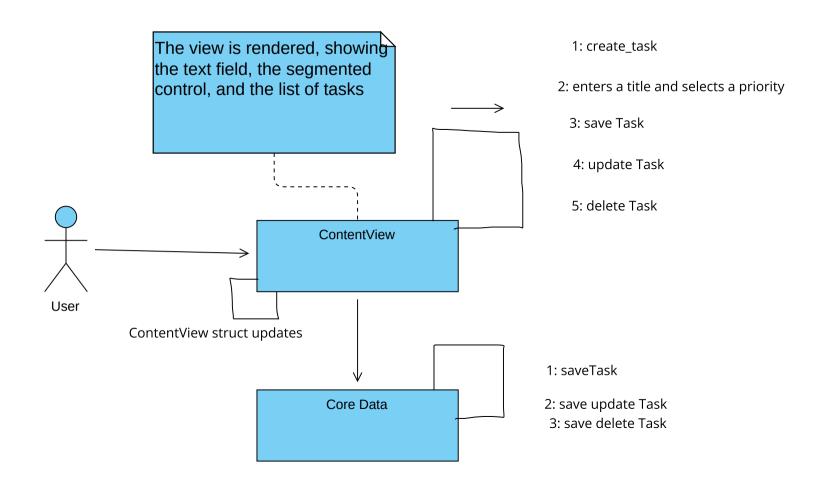
# Package



#### Sequence



#### Communication



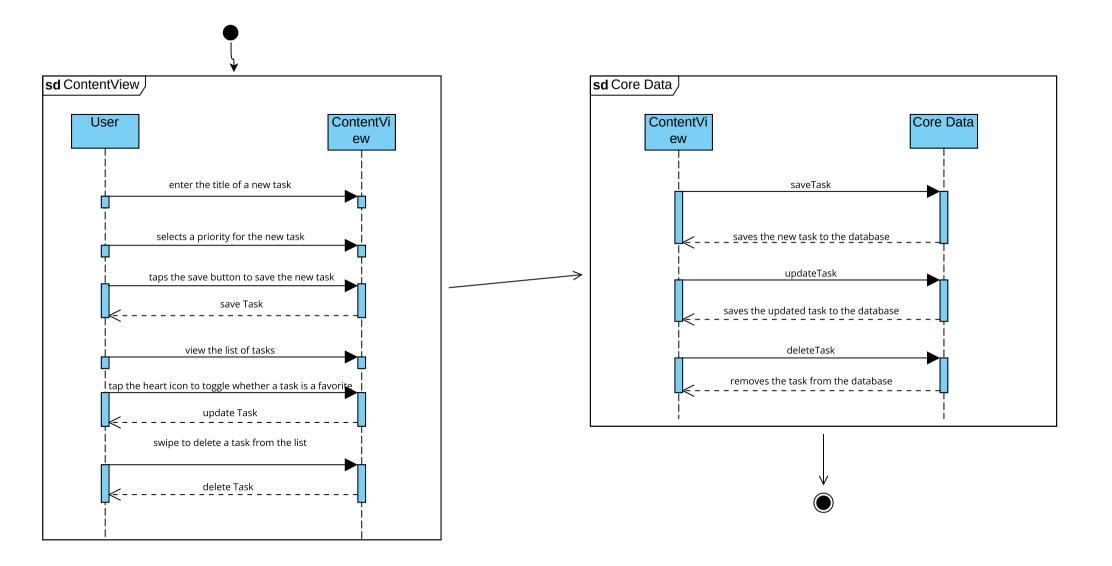
# Activity **Enter Title** Select Priority Save Button Тар Save Task Function Add Task to Core Data Update List Delete Task Button Selected Delete Task **Function Called** Remove Task from Core Data

Update Task Function Save Updated Task to DB Update List with Updated Task

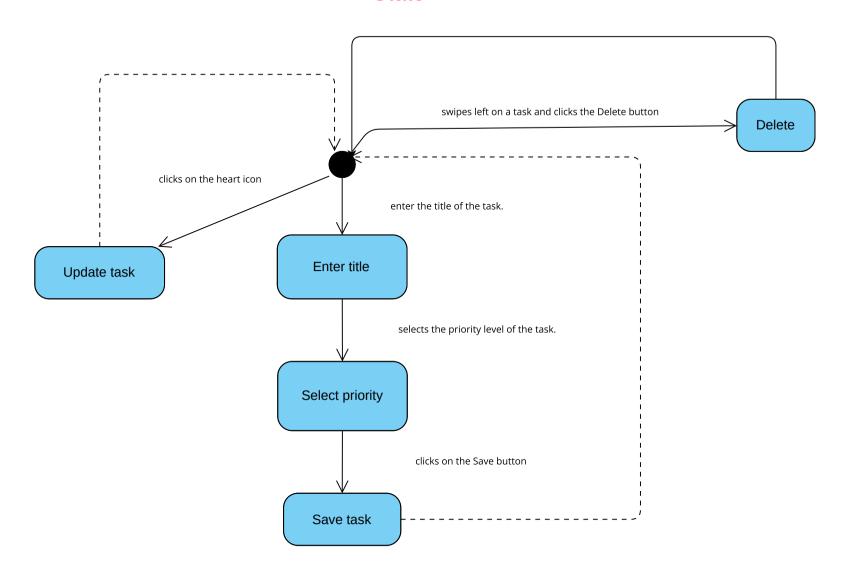
Update List with Deleted Task

> Heart Icon Clicked

#### **Interaction Overview**



#### State



# Timing

Since this is a program with a user interface, we can create a simplified timing diagram that shows the sequence of user actions and the response of the application.

User View

Launch App	Home Screen
Enter Title	Textfield updates
Select Priority	Priority picker updates
Save Task	New task added to the list
Delete Task	Task removed from the list
Update Task	Favorite icon toggles