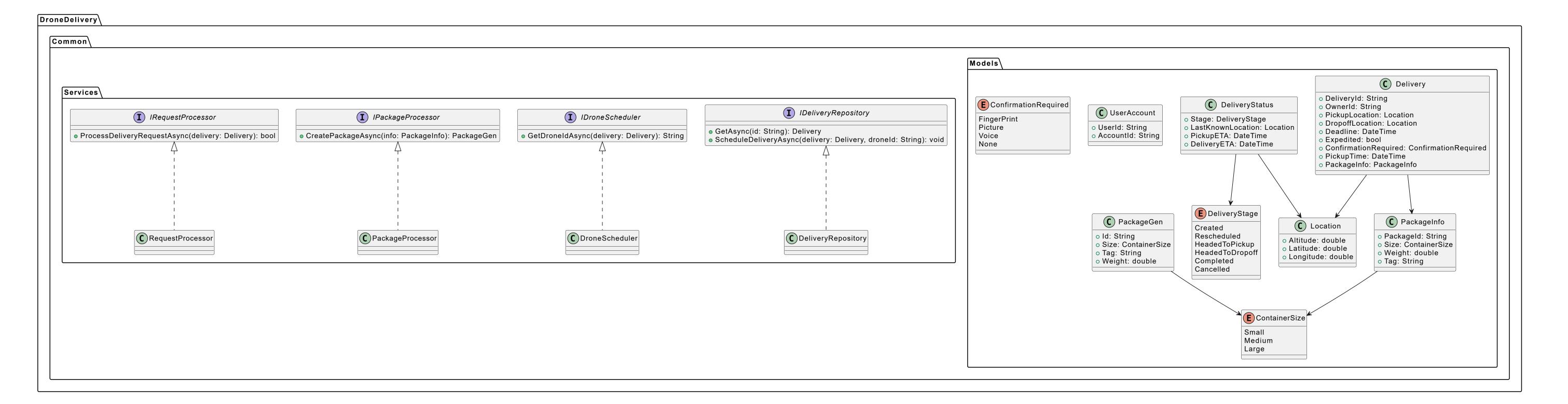


Git URL: https://github.com/vishalgoyal16444/microservices-architecture | Branch: master

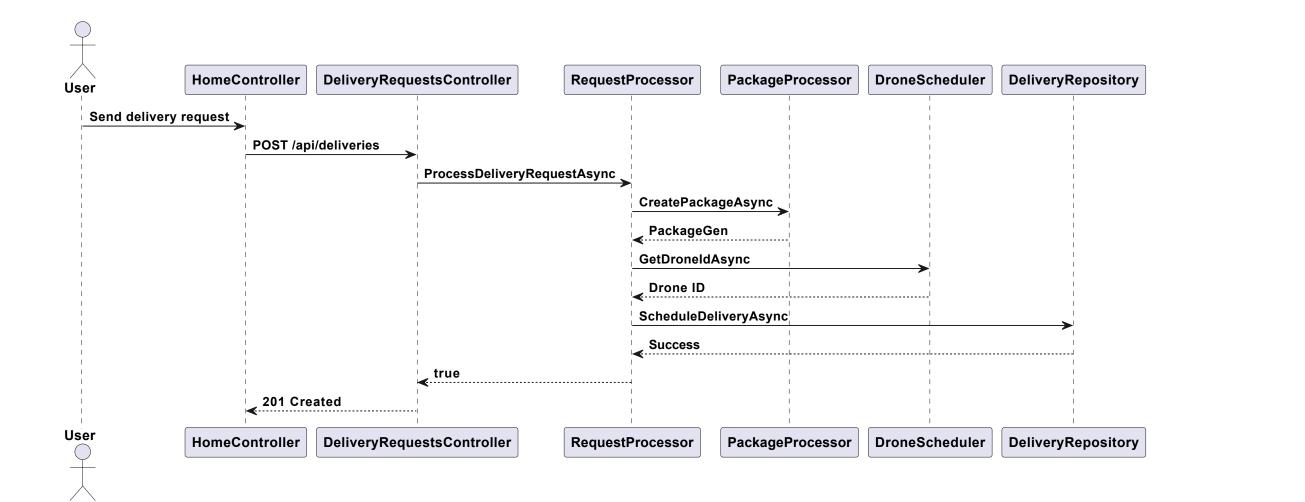
1) Class Diagram:

The class diagram represents the structure of the structure of the Drone Constants used in the system. The services package contains interfaces like IDelivery Status, Location, Package Contains interfaces like Delivery Status, Location, Package Contains of the system. The services package Contains interfaces like Delivery Status, Location, Package Contains of the system. The services package Contains interfaces like Delivery Status, Location, Package Contains of the system, focusing on the models and Services. It includes classes like Delivery Status, Location, Package Contains of the system, focusing on the models and Services are also shown, indicating the system's modular design.



2) Sequence Diagram:

The sequence diagram illustrates the processor to the Delivery Repository to schedule the Delivery Request to the Delivery Request Trocessor Trocess



3) Logical Diagram:

| Web Application | +----+

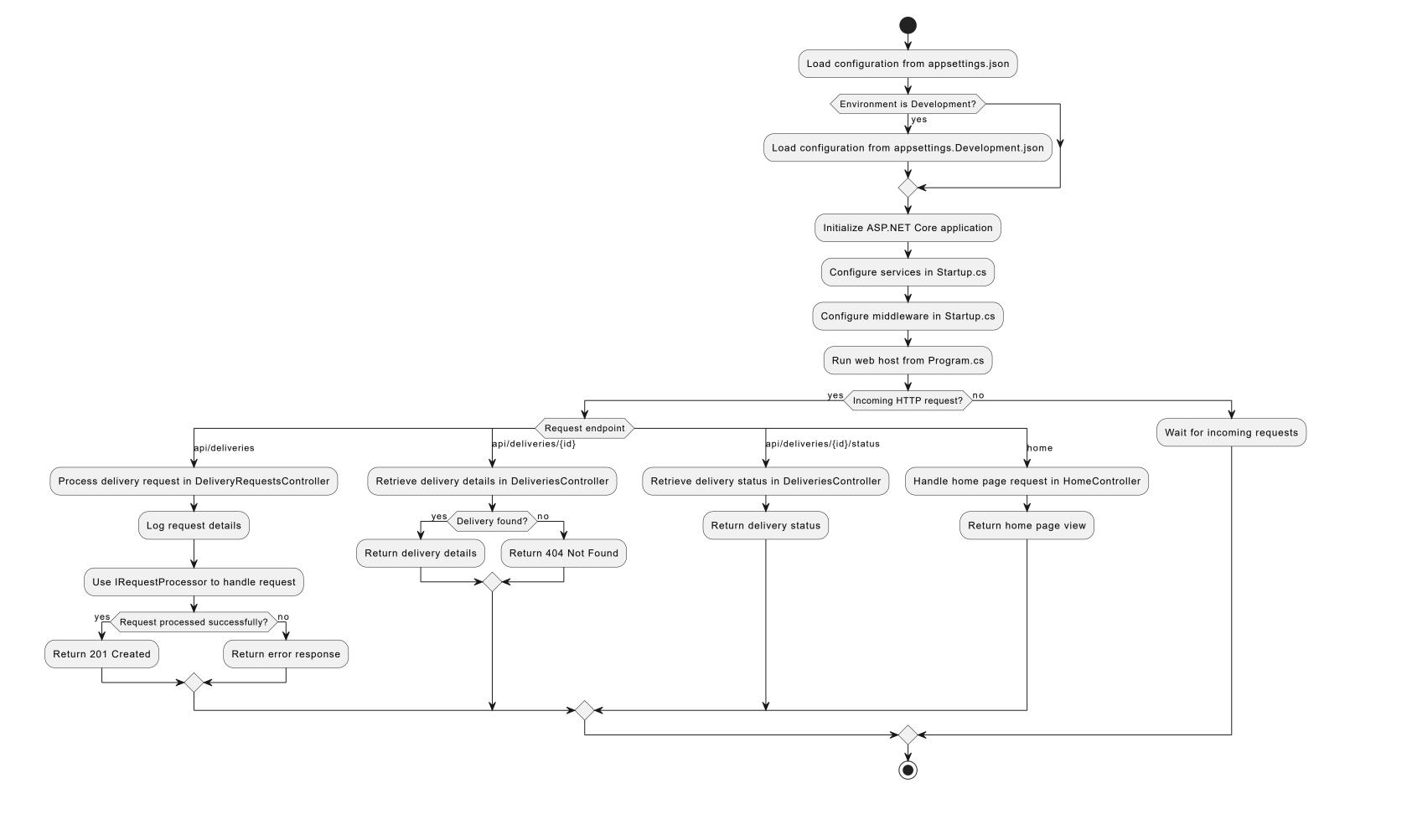
The logical diagram represents the deployment and structure of a drone delivery and models for representing delivery and models for monitoring, and a storage account. The ASP.NET Core application components, highlighting the integration of various services and models for monitoring, and a storage account. The ASP.NET Core application components, highlighting the integration of various services and models for monitoring, and a storage account. The ASP.NET Core application components, highlighting the integration of various services and models for monitoring, and a storage account. The ASP.NET Core application components, highlighting the integration of various services and models for monitoring, and a storage account. The ASP.NET Core application components, highlighting the integration components, highlighting the integration of various services for monitoring delivery and package data. The diagram illustrates the flow from deployment includes a web application components, highlighting the integration of various services and models for monitoring delivery and a storage account. The ASP.NET Core application components, highlighting the integration of various services for monitoring delivery and account includes a web application components, highlighting the integration of various services and models for monitoring delivery and account includes a web application components, highlighting the integration of various services and account includes a web application components.

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4) Activity Diagram:

The activity diagram illustrates the process flow of the process flow of the appropriate controller based on the endpoint. The DeliveryRequests on the endpoint and using IRequest is received, it is routed to the appropriate controller based on the endpoint. The Delivery requests to the many requests to the home page view. The appropriate response them to the appropriate response to the many requests to the home page view. The application waits for incoming requests when idle.



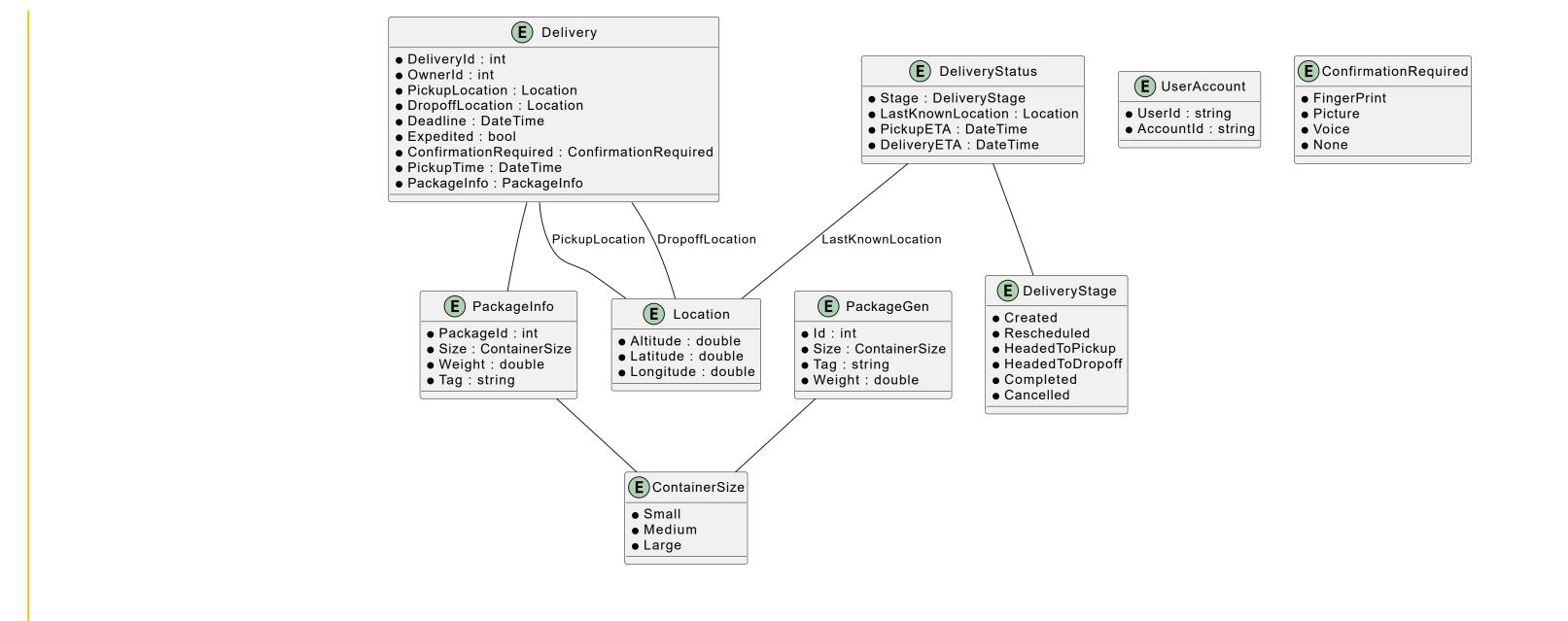
5) Component Diagram:

The component diagram represents the application and linking to Startup.cs, which configures services and middleware. Controllers handle serves as the entry point, initializing the application and linking to Startup.cs, which configures services and middleware. Controllers handle serverless operations.

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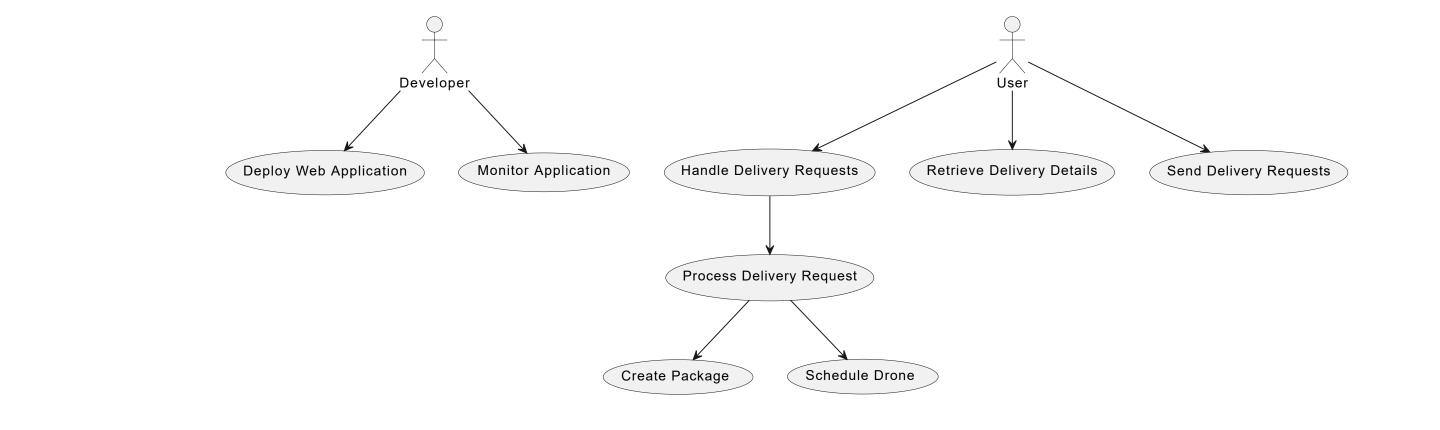
6) ER (Entity-Relationship) Diagram:

The ER diagram represents the key entities and their relationships in the drone delivery system. The 'DeliveryStatus' tracks the current status of a delivery entities and location. Enumerations like 'Confirmation methods, and delivery stages, and delivery stages, respectively. The diagram illustrates how these entities are interconnected, providing a structured view of the system's data model.



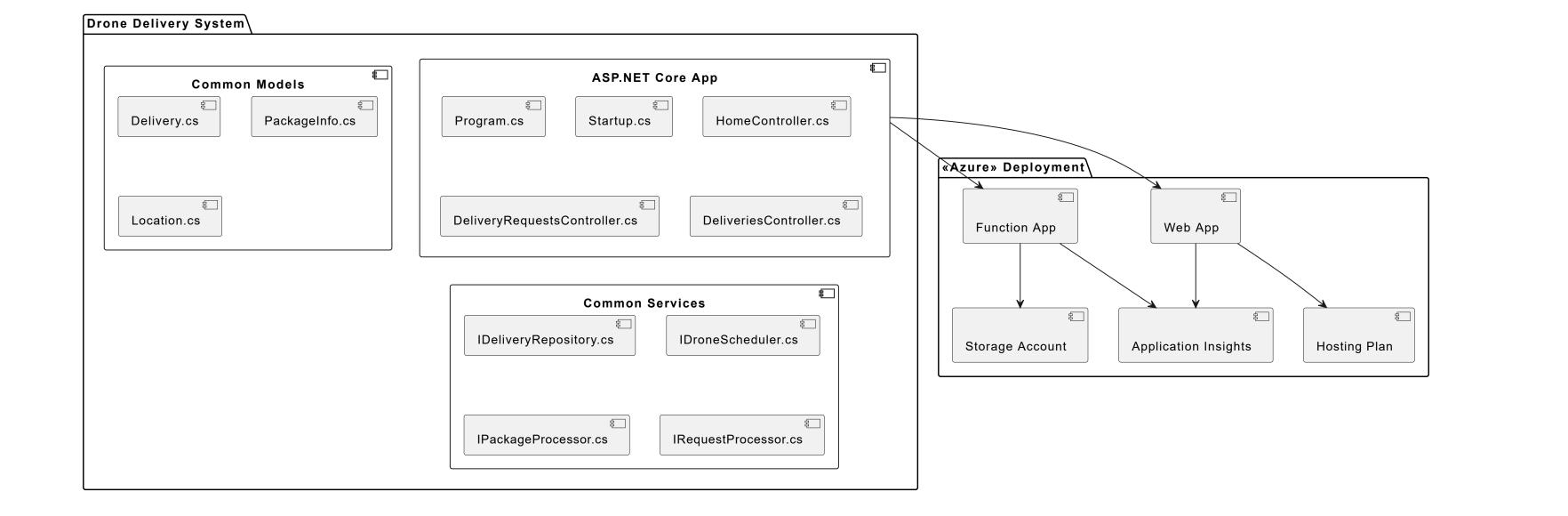
7) Use Case Diagram:

The use case diagram illustrates the interactions between actors and the system's functionalities. Developers can deploy web applications and monitor them using Applications and monitor them using Applications and scheduling drones.



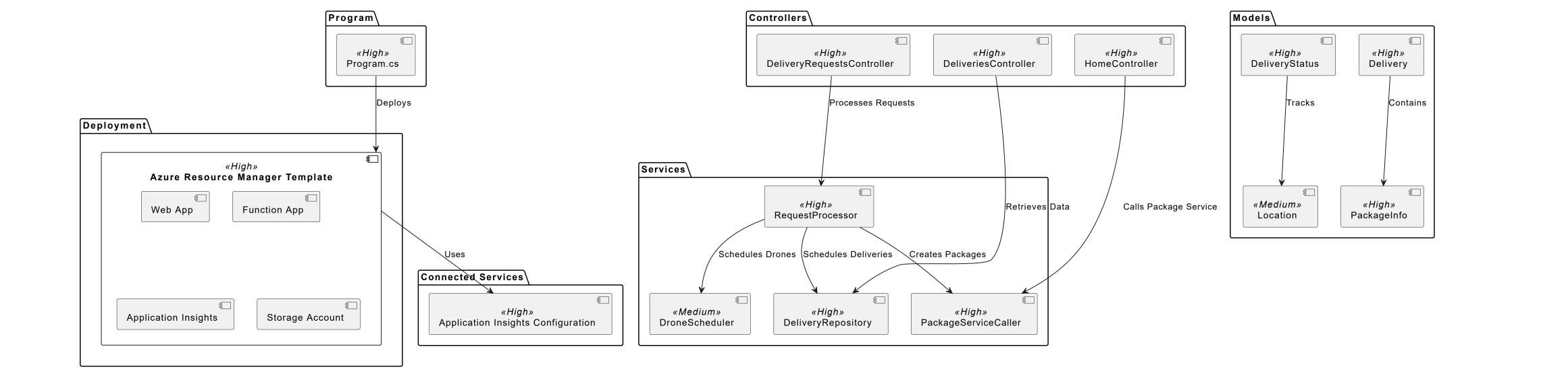
8) Deployment Diagram:

The deployment diagram illustrates the architecture of the Drone Delivery System deployed on Azure. It includes a Web App and the Function App, demonstrating the integration of application components with Azure resources.



9) Composite Structure Diagram:

The composite structure diagram illustrates the key components of the DroneDelivery system and their interactions. The Application Insights Configuration (AIC) is used for monitoring. The Program component initializes the application. The Program component initializes the Application Insights, and storage account. The Program component initializes the application Insights, and storage account. The Program component initializes the application Insights, and storage account. The Program component initializes the application Insights Configuration. The Application Insights Configuration Insights Configuration Insights Configuration. The Application Insights Configuration Insights Con



10) Object Diagram:

This object diagram represents the key components of the Delivery and PackageInfo models. The Program and Startup files are linked, indicating with the Delivery model, and the RequestProcessor coordinating with both Delivery and PackageInfo models. The Delivery application in the Request and manage application files for Application files for Application files are linked, indicating with both Delivery and configuration of the application.

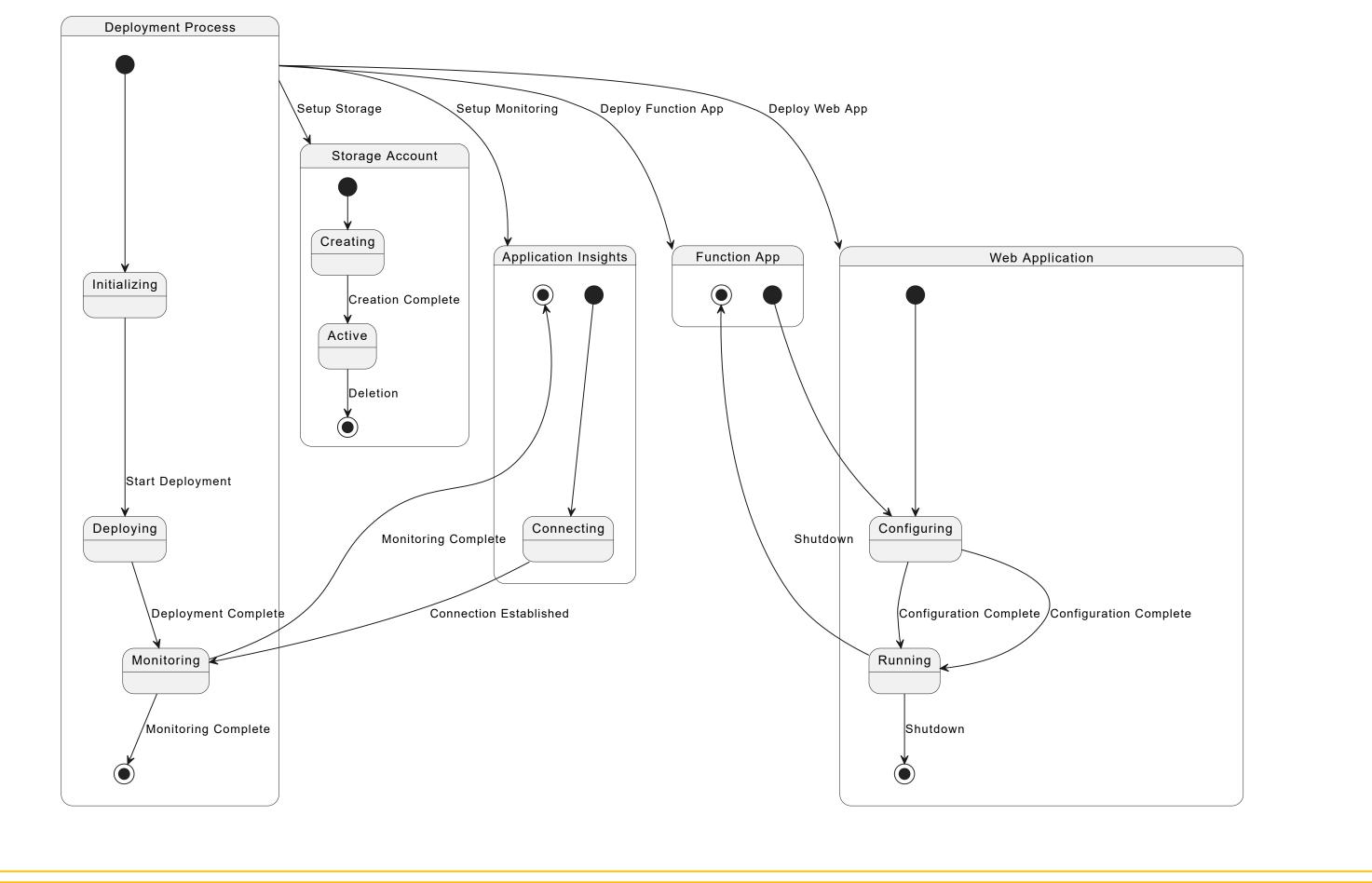
appsettings.json	appsettings.Development.json	Azure Resource Manager Template	DeliveryRequestsController	RequestProcessor	HomeController	PackageServiceCaller	DeliveriesController	Program
filename = "src/after/DroneDelivery-after/appsettings.json" description = "Configuration settings for the application"	filename = "src/after/DroneDelivery-after/appsettings.Development.json description = "Development environment configuration settings"		filename = "src/after/DroneDelivery-after/Controllers/DeliveryRequestsController.cs" description = "Handles delivery requests, processes incoming data"	filename = "src/after/DroneDelivery.Common/Services/RequestProcessor.cs" description = "Processes delivery requests"	filename = "src/after/DroneDelivery-after/Controllers/HomeController.cs" description = "Handles HTTP requests for home page, sends delivery requests"	filename = "src/after/DroneDelivery-after/Services/PackageServiceCaller.cs" description = "Service caller for creating packages"	filename = "src/after/DroneDelivery-after/Controllers/DeliveriesController.cs" description = "Handles delivery-related API requests"	filename = "src/after/DroneDelivery-after/Program.cs" description = "Entry point for the DroneDelivery application"
Location	Utility	Application Insights Configuration	Delive	ry	PackageInfo		DeliveryStatus	Startup
filename = "src/after/DroneDelivery.Common/Models/Location.cs" description = "Represents geographical coordinates"		filename = "src/after/DroneDelivery-after/Connected Services/Application Insights/ConnectedServic description = "Configures connection to Microsoft Application Insights"	e.json" filename = "src/after/DroneDeliver description = "Represents a delive		filename = "src/after/DroneDelivery.Common/Models/PackageInfo.cs" description = "Represents information about a package"		filename = "src/after/DroneDelivery.Common/Models/DeliveryStatus.cs" description = "Encapsulates the current status of a delivery"	filename = "src/after/DroneDelivery-after/Startup.cs" description = "Configures services and middleware"



12) State Diagram:

11) User Journey Map:

The state diagram represents the deployment process of a web application and function app using and a storage account is created and activated. The diagram shows the transitions between these states and the deployment process. Explication and function application application and function application and function application and function application application and function application and function application and function application application application and function application application application and function application app



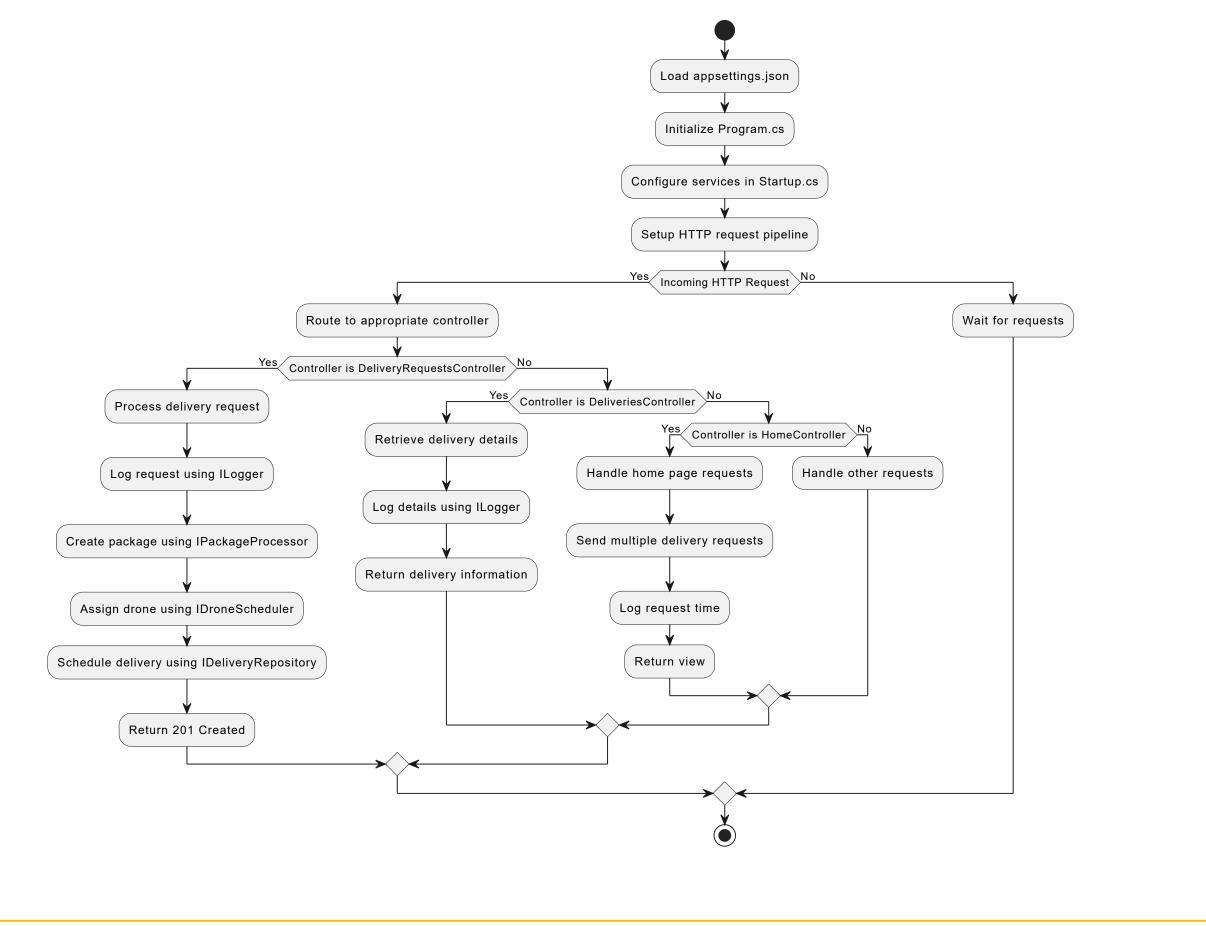
13) Architecture Diagram:

The architecture diagram represents a drone delivery system deployed on Azure. It includes the Package Service, handles HTTP requests for monitoring and processing, facilitated by various services and interfaces defined in the project. The Delivery System Components manage deli

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V		V		V
Application Insights	-+ +- 	Package Service (Azure Function)		Delivery System Components
 	-+ +-	 	+ +=	
Monitoring and Logging	-+ +- 	HTTP Requests Processing	·+ +- 	Delivery Management

14) Workflow Diagram:

The workflow diagram illustrates the process flow of the process flow of the processes delivery requests, logs them, creates packages, assigns drones, and schedules delivery details, while the HomeController retrieves and logs delivery details, while the HomeController retrieves and logs delivery requests. The Delivery Requests and sends multiple delivery requests. The diagram captures the decision-making process and interactions between components in handling requests.



15) Communication Diagram:

The communication diagram illustrates the interaction processes the delivery request, which the application provides the delivery status back to the user. The diagram and creates a delivery data, schedules a drone, and creates a delivery request, which the application processes by deploying necessary resources on Azure, such as a web application processes the delivery data, schedules a drone, and creates a package on Azure. Finally, the application processes by deploying necessary resources on Azure, such as a web application processes by deploying necessary resources on Azure, such as a web application processes the delivery request, which the application processes by deploying necessary resources on Azure, such as a web application processes by deploying necessary resources on Azure, such as a web application processes by deploying necessary resources on Azure, such as a web application processes the delivery data, schedules a drone, and creates a package on Azure. Finally, the application processes the delivery request, which the application processes by deploying necessary resources on Azure. Finally, the application processes the delivery data, schedules a drone, and creates a package on Azure. Finally, the application processes by deploying necessary resources, and application processes by deploying necessary resources.

