



```

graph LR
    subgraph Public_Subsystem [Public Subsystem]
        P_API[PUBLIC API SERVICE]
    end
    subgraph Web_Subsystem [Web Subsystem]
        R_API[ROUTER API]
    end
    subgraph App_Subsystem [App Subsystem]
        A_API[PUBLIC API SERVICE]
        C_API[calendar api]
        CH_API[chat api]
        CA_API[calendar api]
        SH_API[shopping api]
    end
    subgraph DB_Subsystem [DB Subsystem]
        E_DB[(EventDB)]
        CH_DB[(ChatDB)]
        CA_DB[(CalendarDB)]
        SH_DB[(ShoppingDB)]
    end
    P_API --> R_API
    R_API --> A_API
    C_API --> E_DB
    CH_API --> CH_DB
    CA_API --> CA_DB
    SH_API --> SH_DB
  
```



	Mutable	Immutable	Consumers
What is this?	<p>It is a type of programming artifact that can be changed at runtime. It can be modified on the server, but it can also be modified on the client. It is a mutable object.</p> <p>Example: A mutable object. This object can be changed at runtime. It can be modified on the server, but it can also be modified on the client. It is a mutable object.</p>	<p>It is a type of programming artifact that cannot be changed at runtime. It is a immutable object.</p> <p>Example: A immutable object. This object cannot be changed at runtime. It is a immutable object.</p>	<p>Consumers are the users of the system. They are the ones who interact with the system. They are the ones who use the system.</p> <p>Example: A consumer. This consumer is a user of the system. They are the ones who interact with the system. They are the ones who use the system.</p>
Application Load	<p>It is a type of application load that can be changed at runtime. It is a mutable application load.</p> <p>Example: A mutable application load. This application load can be changed at runtime. It is a mutable application load.</p>	<p>It is a type of application load that cannot be changed at runtime. It is a immutable application load.</p> <p>Example: A immutable application load. This application load cannot be changed at runtime. It is a immutable application load.</p>	<p>Consumers are the users of the system. They are the ones who interact with the system. They are the ones who use the system.</p> <p>Example: A consumer. This consumer is a user of the system. They are the ones who interact with the system. They are the ones who use the system.</p>
Deployment Strategy	<p>It is a type of deployment strategy that can be changed at runtime. It is a mutable deployment strategy.</p> <p>Example: A mutable deployment strategy. This deployment strategy can be changed at runtime. It is a mutable deployment strategy.</p>	<p>It is a type of deployment strategy that cannot be changed at runtime. It is a immutable deployment strategy.</p> <p>Example: A immutable deployment strategy. This deployment strategy cannot be changed at runtime. It is a immutable deployment strategy.</p>	<p>Consumers are the users of the system. They are the ones who interact with the system. They are the ones who use the system.</p> <p>Example: A consumer. This consumer is a user of the system. They are the ones who interact with the system. They are the ones who use the system.</p>
Errors	<p>It is a type of error that can be changed at runtime. It is a mutable error.</p> <p>Example: A mutable error. This error can be changed at runtime. It is a mutable error.</p>	<p>It is a type of error that cannot be changed at runtime. It is a immutable error.</p> <p>Example: A immutable error. This error cannot be changed at runtime. It is a immutable error.</p>	<p>Consumers are the users of the system. They are the ones who interact with the system. They are the ones who use the system.</p> <p>Example: A consumer. This consumer is a user of the system. They are the ones who interact with the system. They are the ones who use the system.</p>
Deployment Time	<p>It is a type of deployment time that can be changed at runtime. It is a mutable deployment time.</p> <p>Example: A mutable deployment time. This deployment time can be changed at runtime. It is a mutable deployment time.</p>	<p>It is a type of deployment time that cannot be changed at runtime. It is a immutable deployment time.</p> <p>Example: A immutable deployment time. This deployment time cannot be changed at runtime. It is a immutable deployment time.</p>	<p>Consumers are the users of the system. They are the ones who interact with the system. They are the ones who use the system.</p> <p>Example: A consumer. This consumer is a user of the system. They are the ones who interact with the system. They are the ones who use the system.</p>
Scaling	<p>It is a type of scaling that can be changed at runtime. It is a mutable scaling.</p> <p>Example: A mutable scaling. This scaling can be changed at runtime. It is a mutable scaling.</p>	<p>It is a type of scaling that cannot be changed at runtime. It is a immutable scaling.</p> <p>Example: A immutable scaling. This scaling cannot be changed at runtime. It is a immutable scaling.</p>	<p>Consumers are the users of the system. They are the ones who interact with the system. They are the ones who use the system.</p> <p>Example: A consumer. This consumer is a user of the system. They are the ones who interact with the system. They are the ones who use the system.</p>
High Availability	<p>It is a type of high availability that can be changed at runtime. It is a mutable high availability.</p> <p>Example: A mutable high availability. This high availability can be changed at runtime. It is a mutable high availability.</p>	<p>It is a type of high availability that cannot be changed at runtime. It is a immutable high availability.</p> <p>Example: A immutable high availability. This high availability cannot be changed at runtime. It is a immutable high availability.</p>	<p>Consumers are the users of the system. They are the ones who interact with the system. They are the ones who use the system.</p> <p>Example: A consumer. This consumer is a user of the system. They are the ones who interact with the system. They are the ones who use the system.</p>
Rollback	<p>It is a type of rollback that can be changed at runtime. It is a mutable rollback.</p> <p>Example: A mutable rollback. This rollback can be changed at runtime. It is a mutable rollback.</p>	<p>It is a type of rollback that cannot be changed at runtime. It is a immutable rollback.</p> <p>Example: A immutable rollback. This rollback cannot be changed at runtime. It is a immutable rollback.</p>	<p>Consumers are the users of the system. They are the ones who interact with the system. They are the ones who use the system.</p> <p>Example: A consumer. This consumer is a user of the system. They are the ones who interact with the system. They are the ones who use the system.</p>