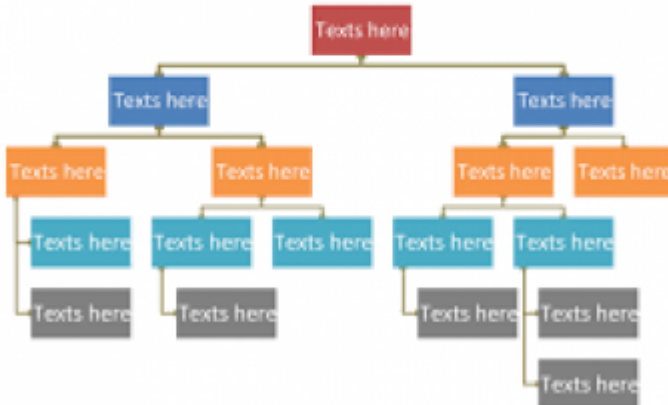
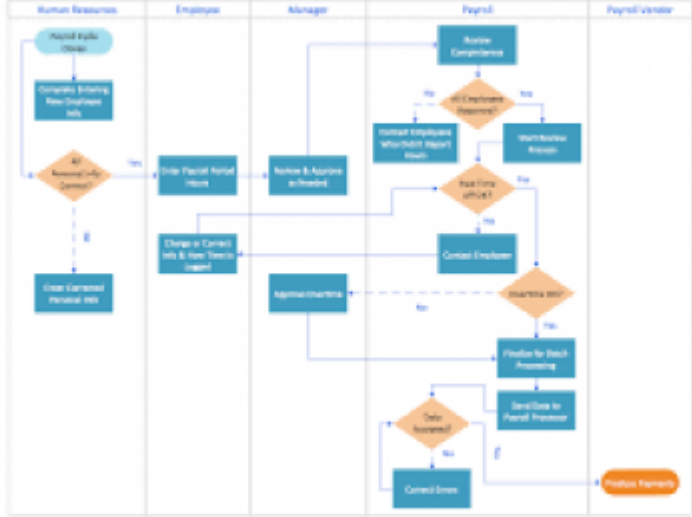



# UML

## Diagram

				URL
1	<p>UML Class Diagram illustrating relationships between classes and an interface. The diagram includes:         <ul style="list-style-type: none"> <li><b>Customer</b> (Class): name, address</li> <li><b>Order</b> (Class): date, status, calcTax, calcTotal, calcTotalWeight</li> <li><b>Payment</b> (Interface): amount</li> <li><b>Credit</b> (Class): number, type, expDate, authorized</li> <li><b>Cash</b> (Class): cashTendered</li> <li><b>Check</b> (Class): name, bankID, authorized</li> <li><b>OrderDetail</b> (Class): quantity, taxStatus, calcSubTotal, calcWeight</li> <li><b>Item</b> (Class): shippingWeight, description, getPriceForQuantity, getWeight</li> </ul>         Legend:         <ul style="list-style-type: none"> <li>① Interface</li> <li>② Association</li> <li>③ Class Name</li> <li>④ Fields</li> <li>⑤ Methods</li> <li>⑥ Implementation</li> <li>⑦ Role Name</li> <li>⑧ Multiplicity</li> <li>⑨ Navigability</li> </ul> </p>	Class Diagram( )		
2	<p>Flow Chart illustrating a diagnostic process:         <ul style="list-style-type: none"> <li>Start: What happened to?</li> <li>Decision: Sick or Old?             <ul style="list-style-type: none"> <li><b>Sick</b> path:                 <ul style="list-style-type: none"> <li>Decision: Has chronic TB symptoms?                     <ul style="list-style-type: none"> <li>Yes: Treat as early TB patient and perform full TB exam.</li> <li>No: Have patient back to back in 2 months for checkup.</li> </ul> </li> </ul> </li> <li><b>Old</b> path:                 <ul style="list-style-type: none"> <li>Decision: Can TB be brought?                     <ul style="list-style-type: none"> <li>Yes: Administer 3 dose → Assess TB test results and check condition.</li> <li>No: 4 months preventive treatment → Reassess TB test in 3 months and symptoms.</li> </ul> </li> <li>Decision: Older well?                     <ul style="list-style-type: none"> <li>Yes: 4 months preventive treatment → Reassess TB test in 3 months and symptoms.</li> <li>No: Tolerant heavy burden to TB → If TB test diagnosis, treat for TB → If other diagnosis, multiplicity, treat as needed and search for TB symptoms.</li> </ul> </li> </ul> </li> </ul> </li> </ul> </p>	Flow Chart( )		

				URL
3	 <h3>Organizational Chart</h3> <p>The diagram shows a hierarchical organizational chart. At the top is a red box labeled "Texts here". It branches into two blue boxes labeled "Texts here". Each blue box further branches into two orange boxes labeled "Texts here". The orange boxes then branch into blue boxes, and finally into grey boxes, representing a multi-level hierarchy.</p>	Org Chart( )		
4	 <h3>Swimlane Diagram</h3> <p>The diagram is a swimlane flowchart with five swimlanes: Human Resources, Employee, Manager, Payroll, and Payroll Center. The process starts in Human Resources with "Request Entry" and "Complete Entry New Employee HR". It moves to Employee for "New Payroll Entry" and "Change Center HR &amp; New Payroll report". The Manager swimlane includes "Review &amp; Approve" and "Approval/entry". The Payroll swimlane contains "Review Completion", "HR Employee Request", "Contact Employee Information Report", "Has time off?", "Contact Employee", "Review for Data Processing", and "Send Data to Payroll Processor". The Payroll Center swimlane includes "Data Approved?", "Correct Error", and "Review Report".</p>	Swimlane Diagram( )		
5	 <h3>Order System ER Diagram</h3> <p>The ER diagram shows several entities and their relationships. Entities include: Customer (attributes: LastName, FirstName, CompanyName, ContactName, ContactTitle, Address, City, Region, PostalCode, Country, HomePhone, MobilePhone, Fax, Email, HomeAddress, HomeCity, HomeRegion, HomePostalCode, HomeCountry, HomePhone, HomeFax, HomeEmail), Product (attributes: ProductID, ProductName, SupplierID, QuantityPerUnit, UnitPrice, UnitsInStock, UnitsOnOrder, ReorderLevel, SupplierName, ProductCategory, ProductSubcategory, ProductDescription, ProductImage, ProductThumbnailImage), Order (attributes: OrderID, CustomerID, EmployeeID, OrderDate, RequiredDate, ShippedDate, ShipVia, Freight, ShipName, ShipAddress, ShipCity, ShipRegion, ShipPostalCode, ShipCountry, ShipName, ShipAddress, ShipCity, ShipRegion, ShipPostalCode, ShipCountry), Supplier (attributes: SupplierID, CompanyName, ContactName, ContactTitle, Address, City, Region, PostalCode, Country, HomePhone, MobilePhone, Fax, Email, HomeAddress, HomeCity, HomeRegion, HomePostalCode, HomeCountry, HomePhone, HomeFax, HomeEmail), OrderDetail (attributes: OrderID, ProductID, UnitPrice, Quantity, Discount, ProductName, ProductDescription, ProductImage, ProductThumbnailImage), and SupplierDetail (attributes: SupplierID, ProductID, UnitPrice, Quantity, Discount, ProductName, ProductDescription, ProductImage, ProductThumbnailImage). Relationships are shown between Customer and Order, Order and OrderDetail, Product and OrderDetail, and Supplier and SupplierDetail.</p>	Entity Relationship Diagram(ERD)		

				URL															
6	<pre> sequenceDiagram     participant IRequestor     participant IAuthorizer     participant IAuthRepository     participant ITransact      IRequestor-&gt;&gt;IAuthorizer: operation( reqId,  params1*)     activate IAuthorizer     IAuthorizer-&gt;&gt;IAuthRepository: opAuth =  getAuth( reqId,  operId)     activate IAuthRepository     IAuthRepository--&gt;&gt;IAuthorizer:      deactivate IAuthRepository     alt [opAuth = null]         IAuthorizer--&gt;&gt;IRequestor: error     else [else]         IAuthorizer-&gt;&gt;ITransact: perform_operation( reqId,  params1*)         activate ITransact         ITransact--&gt;&gt;IAuthorizer:          deactivate ITransact     end     IAuthorizer--&gt;&gt;IRequestor: done     deactivate IAuthorizer           </pre>	Sequence Diagram( )																	
7	<p style="text-align: center;"><b>Scrum Task Board Template</b> Company name</p> <table border="1"> <thead> <tr> <th>Stories</th> <th>To Do</th> <th>In Progress</th> <th>Testing</th> <th>Done</th> </tr> </thead> <tbody> <tr> <td> <p>This is a sample text. Replace it with your own text.</p> </td> <td> <p>This is a sample text. Replace it with your own text.</p> <p>This is a sample text. Replace it with your own text.</p> </td> <td> <p>This is a sample text.</p> <p>This is a sample text.</p> </td> <td> <p>This is a sample text.</p> <p>This is a sample text.</p> </td> <td> <p>This is a sample text. Replace it with your own text.</p> <p>This is a sample text. Replace it with your own text.</p> </td> </tr> <tr> <td> <p>This is a sample text. Replace it with your own text.</p> </td> <td> <p>This is a sample text.</p> <p>This is a sample text.</p> </td> <td> <p>This is a sample text.</p> <p>This is a sample text.</p> </td> <td> <p>This is a sample text.</p> <p>This is a sample text.</p> </td> <td> <p>This is a sample text. Replace it with your own text.</p> </td> </tr> </tbody> </table>	Stories	To Do	In Progress	Testing	Done	<p>This is a sample text. Replace it with your own text.</p>	<p>This is a sample text. Replace it with your own text.</p> <p>This is a sample text. Replace it with your own text.</p>	<p>This is a sample text.</p> <p>This is a sample text.</p>	<p>This is a sample text.</p> <p>This is a sample text.</p>	<p>This is a sample text. Replace it with your own text.</p> <p>This is a sample text. Replace it with your own text.</p>	<p>This is a sample text. Replace it with your own text.</p>	<p>This is a sample text.</p> <p>This is a sample text.</p>	<p>This is a sample text.</p> <p>This is a sample text.</p>	<p>This is a sample text.</p> <p>This is a sample text.</p>	<p>This is a sample text. Replace it with your own text.</p>	Kanban Board( )		
Stories	To Do	In Progress	Testing	Done															
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8	<p style="text-align: center;"><b>Software Service Cross-Functional Process</b></p> <pre> graph TD     subgraph Customer         C1[Customer requests help or report a problem] --&gt; C2[Call the user]         C2 --&gt; C3[Resolve the issue and respond customer]         C3 --&gt; C4[Call the user]         C4 --&gt; C5[More feedback]         C5 --&gt; C6[Call the user]     end     subgraph Tester         T1[Call the user] --&gt; T2[Resolve the issue]         T2 --&gt; T3[Get more details from customer]         T3 --&gt; T4[Resolve the issue]     end     subgraph Development         D1[Call the user] --&gt; D2[Investigate the issue]         D2 --&gt; D3[Create support]         D3 --&gt; D4[Technical analysis]         D4 --&gt; D5[Fix the issue]     end     C1 --&gt; T1     C2 --&gt; T1     C3 --&gt; T1     C4 --&gt; T1     C5 --&gt; T1     C6 --&gt; T1     T1 --&gt; D1     T2 --&gt; D1     T3 --&gt; D1     T4 --&gt; D1           </pre>	Cross-Functional Flowchart																	

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