

# Diagram

Discussion [here](#). This was added to [Tiki19](#) as [PluginDiagram](#), and much improved in [Tiki20](#).

## Introduction

[+]

## Bugs & Wishes

### Open or Pending

Items found: [2](#)

Title	LastModif	Resolution Status	Submitted By	Volunteered	Category	Version	Feature	Priority
● <a href="#">Importing MS Visio .vsd in PluginDiagram fails with 'mxscript is not defined' while same process succeeds in draw.io with same tool version</a>	05 Mar 20	New	Xavier de Pedro		• Error	21.x	Diagram (Drawings, Diagrams, Flowcharts and more)	40
● <a href="#">Diagram not exported to PDF (mPDF)</a>	12 Mar 20	New	David Bensele		• Bug	20.x	Diagram (Drawings, Diagrams, Flowcharts and more) PDF	25

[+ Create Item](#)

## Implementation plan

“

*mxGraph - An open source JavaScript diagramming component, started in 2005, that works on all major browsers, including touch devices.*

*draw.io - A web based diagramming application built on mxGraph, that integrates with Google Drive , OneDrive and Dropbox. draw.io is also a plugin for Atlassian's Confluence and JIRA.*

Source: <https://www.jgraph.com/>

So we will also build upon mxGraph

# Deployment

- Deployed via [Packages](#) because of Apache license
- Needs to be added to [Packagist](#) or we use <https://asset-packagist.org/package/npm-asset/mxgraph>

## PluginDiagram

2 modes for plugin:

### Option 1: store in file galleries, which can manage version history

```
{diagram fileID=622}
```

### Option 2: store data in current wiki page

```
{DIAGRAM()}
```

```
<mxGraphModel dx="1042" dy="554" grid="1" gridSize="10" guides="1" tooltips="1" connect="1"
arrows="1" fold="1" page="1" pageScale="1" pageWidth="826" pageHeight="1169"
background="#ffffff" math="0" shadow="0">
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    <mxCell id="1" parent="0"/>
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center; text-decoration: underline;&quot;&gt;&lt;strong&gt;Process 1&lt;br
/&gt;&lt;/strong&gt;&lt;/p&gt;&lt;hr /&gt;&lt;p style=&quot;margin: 0px; margin-left:
8px;&quot;&gt;System Study&lt;/p&gt;&lt;p style=&quot;margin: 0px; margin-left:
8px;&quot;&gt;Preparation&lt;/p&gt;"
style="verticalAlign=middle;align=center;overflow=fill;fontSize=12;fontFamily=Helvetica;html
=1;rounded=1;fontStyle=1;strokeWidth=3;fillColor=#E6FFCC" parent="1" vertex="1">
      <mxGeometry x="236" y="236" width="110" height="90" as="geometry"/>
    </mxCell>
    <mxCell id="3" value="Engineering"
style="whiteSpace=wrap;align=center;verticalAlign=middle;fontStyle=1;strokeWidth=3;fillColor
=#FFFCC" parent="1" vertex="1">
      <mxGeometry x="246" y="126" width="90" height="60" as="geometry"/>
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    <mxCell id="4" value="Investors"
style="whiteSpace=wrap;align=center;verticalAlign=middle;fontStyle=1;strokeWidth=3;fillColor
=#FFFCC" parent="1" vertex="1">
      <mxGeometry x="40" y="251" width="90" height="60" as="geometry"/>
    </mxCell>
    <mxCell id="5" value="ON-DEMAND SYSTEM DEVELOPMENT"
style="shape=process;whiteSpace=wrap;align=center;verticalAlign=middle;size=0.0475;fontStyle
=1;strokeWidth=3;fillColor=#FFCCCC" parent="1" vertex="1">
      <mxGeometry x="200.9999999999991" y="391" width="400" height="50" as="geometry"/>
    </mxCell>
    <mxCell id="6" value="&lt;p style=&quot;margin: 0px; margin-top: 4px; text-align:
center; text-decoration: underline;&quot;&gt;&lt;strong&gt;Process 2&lt;br
/&gt;&lt;/strong&gt;&lt;/p&gt;&lt;hr /&gt;&lt;p style=&quot;margin: 0px; margin-left:
8px;&quot;&gt;System Analysis&lt;/p&gt;"
style="verticalAlign=middle;align=center;overflow=fill;fontSize=12;fontFamily=Helvetica;html
=1;rounded=1;fontStyle=1;strokeWidth=3;fillColor=#E6FFCC" parent="1" vertex="1">
      <mxGeometry x="390" y="146" width="110" height="90" as="geometry"/>
    </mxCell>
```

```

    <mxCell id="7" value="&lt;p style=&quot;margin: 0px; margin-top: 4px; text-align:
center; text-decoration:
underline;&quot;&gt;&lt;strong&gt;&lt;strong&gt;Process&lt;/strong&gt; 3&lt;br
/&gt;&lt;/strong&gt;&lt;/p&gt;&lt;hr /&gt;&lt;p style=&quot;margin: 0px; margin-left:
8px;&quot;&gt;&lt;List Possible&lt;/p&gt;&lt;p style=&quot;margin: 0px; margin-left:
8px;&quot;&gt;&lt;System Solutions&lt;/p&gt;"
style="verticalAlign=middle;align=center;overflow=fill;fontSize=12;fontFamily=Helvetica;html
=1;rounded=1;fontStyle=1;strokeWidth=3;fillColor=#E6FFCC" parent="1" vertex="1">
    <mxGeometry x="681" y="371" width="110" height="90" as="geometry"/>
</mxCell>
    <mxCell id="8" value="&lt;p style=&quot;margin: 0px; margin-top: 4px; text-align:
center; text-decoration:
underline;&quot;&gt;&lt;strong&gt;&lt;strong&gt;Process&lt;/strong&gt; 4&lt;br
/&gt;&lt;/strong&gt;&lt;/p&gt;&lt;hr /&gt;&lt;p style=&quot;margin: 0px; margin-left:
8px;&quot;&gt;&lt;Detail Chosen&lt;/p&gt;&lt;p style=&quot;margin: 0px; margin-left:
8px;&quot;&gt;&lt;Solution&lt;/p&gt;"
style="verticalAlign=middle;align=center;overflow=fill;fontSize=12;fontFamily=Helvetica;html
=1;rounded=1;fontStyle=1;strokeWidth=3;fillColor=#E6FFCC" parent="1" vertex="1">
    <mxGeometry x="560" y="241" width="110" height="90" as="geometry"/>
</mxCell>
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center; text-decoration:
underline;&quot;&gt;&lt;strong&gt;&lt;strong&gt;Process&lt;/strong&gt; 5&lt;br
/&gt;&lt;/strong&gt;&lt;/p&gt;&lt;hr /&gt;&lt;p style=&quot;margin: 0px; margin-left:
8px;&quot;&gt;&lt;New System&lt;/p&gt;&lt;p style=&quot;margin: 0px; margin-left:
8px;&quot;&gt;&lt;Design&lt;/p&gt;"
style="verticalAlign=middle;align=center;overflow=fill;fontSize=12;fontFamily=Helvetica;html
=1;rounded=1;fontStyle=1;strokeWidth=3;fillColor=#E6FFCC" parent="1" vertex="1">
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</mxCell>
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center; text-decoration:
underline;&quot;&gt;&lt;strong&gt;&lt;strong&gt;Process&lt;/strong&gt; 6&lt;br
/&gt;&lt;/strong&gt;&lt;/p&gt;&lt;hr /&gt;&lt;p style=&quot;margin: 0px; margin-left:
8px;&quot;&gt;&lt;New&lt;/p&gt;&lt;p style=&quot;margin: 0px; margin-left:
8px;&quot;&gt;&lt;System&lt;/p&gt;&lt;p style=&quot;margin: 0px; margin-left:
8px;&quot;&gt;&lt;Construction&lt;/p&gt;"
style="verticalAlign=middle;align=center;overflow=fill;fontSize=12;fontFamily=Helvetica;html
=1;rounded=1;fontStyle=1;strokeWidth=3;fillColor=#E6FFCC" parent="1" vertex="1">
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</mxCell>
    <mxCell id="12" value="Management"
style="whiteSpace=wrap;align=center;verticalAlign=middle;fontStyle=1;strokeWidth=3;fillColor
=#FFFFCC" parent="1" vertex="1">
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</mxCell>
    <mxCell id="13" value="Management"
style="whiteSpace=wrap;align=center;verticalAlign=middle;fontStyle=1;strokeWidth=3;fillColor
=#FFFFCC" parent="1" vertex="1">
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</mxCell>
    <mxCell id="14" value="Engineering"
style="whiteSpace=wrap;align=center;verticalAlign=middle;fontStyle=1;strokeWidth=3;fillColor
=#FFFFCC" parent="1" vertex="1">

```

```

    <mxGeometry x="34.9999999999997" y="524.9999999999999" width="90" height="60"
as="geometry"/>
  </mxCell>
  <mxCell id="15" value="Vendors"
style="whiteSpace=wrap;align=center;verticalAlign=middle;fontStyle=1;strokeWidth=3;fillColor
=#FFFFCC" parent="1" vertex="1">
    <mxGeometry x="549.9999999999999" y="650" width="90" height="60" as="geometry"/>
  </mxCell>
  <mxCell id="36" value=""
style="edgeStyle=none;noEdgeStyle=1;strokeColor=#990000;strokeWidth=2" parent="1" source="3"
target="2" edge="1">
    <mxGeometry width="100" height="100" relative="1" as="geometry">
      <mxPoint x="20" y="250" as="sourcePoint"/>
      <mxPoint x="120" y="150" as="targetPoint"/>
    </mxGeometry>
  </mxCell>
  <mxCell id="37" value=""
style="edgeStyle=none;noEdgeStyle=1;strokeColor=#990000;strokeWidth=2" parent="1" source="4"
target="2" edge="1">
    <mxGeometry width="100" height="100" relative="1" as="geometry">
      <mxPoint x="280" y="190" as="sourcePoint"/>
      <mxPoint x="380" y="90" as="targetPoint"/>
    </mxGeometry>
  </mxCell>
  <mxCell id="11" value="&lt;p style=&quot;margin: 0px; margin-top: 4px; text-align:
center; text-decoration:
underline;&quot;&gt;&lt;strong&gt;&lt;strong&gt;Process&lt;/strong&gt; 7&lt;br
/&gt;&lt;/strong&gt;&lt;/p&gt;&lt;hr /&gt;&lt;p style=&quot;margin: 0px; margin-left:
8px;&quot;&gt;New System&lt;/p&gt;&lt;p style=&quot;margin: 0px; margin-left:
8px;&quot;&gt;Startup and&lt;/p&gt;&lt;p style=&quot;margin: 0px; margin-left:
8px;&quot;&gt;Testing&lt;/p&gt;"
style="verticalAlign=middle;align=center;overflow=fill;fontSize=12;fontFamily=Helvetica;html
=1;rounded=1;fontStyle=1;strokeWidth=3;fillColor=#E6FFCC" parent="1" vertex="1">
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  </mxCell>
  <mxCell id="51" value=""
style="endArrow=none;noEdgeStyle=1;strokeColor=#990000;strokeWidth=2" parent="1" source="9"
target="11" edge="1">
    <mxGeometry relative="1" as="geometry">
      <mxPoint x="205.00819672131135" y="481" as="sourcePoint"/>
      <mxPoint x="400.32786885245895" y="650" as="targetPoint"/>
    </mxGeometry>
  </mxCell>
  <mxCell id="52" value="Desired &
functionality" style="text;spacingTop=-5;align=center" parent="1" vertex="1">
    <mxGeometry x="165" y="251" width="30" height="20" as="geometry"/>
  </mxCell>
  <mxCell id="53" value="Desired &
functionality" style="text;spacingTop=-5;align=center" parent="1" vertex="1">
    <mxGeometry x="241" y="196" width="30" height="20" as="geometry"/>
  </mxCell>
  <mxCell id="54" value="Documentation&
from similar projects" style="text;spacingTop=-5;align=center" parent="1" vertex="1">
    <mxGeometry x="186" y="341" width="30" height="20" as="geometry"/>

```

```

</mxCell>
<mxCell id="55" value=""
style="edgeStyle=elbowEdgeStyle;elbow=horizontal;strokeColor=#990000;strokeWidth=2"
parent="1" source="5" target="2" edge="1">
  <mxGeometry width="100" height="100" relative="1" as="geometry">
    <mxPoint x="50" y="530" as="sourcePoint"/>
    <mxPoint x="150" y="430" as="targetPoint"/>
    <Array as="points">
      <mxPoint x="260" y="370"/>
    </Array>
  </mxGeometry>
</mxCell>
<mxCell id="56" value=""
style="edgeStyle=elbowEdgeStyle;elbow=horizontal;strokeColor=#990000;strokeWidth=2"
parent="1" source="2" target="5" edge="1">
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    <mxPoint x="50" y="500" as="sourcePoint"/>
    <mxPoint x="150" y="400" as="targetPoint"/>
    <Array as="points">
      <mxPoint x="280" y="360"/>
    </Array>
  </mxGeometry>
</mxCell>
<mxCell id="57" value="Elaborate&
cost/benefit&
ratio" style="text;spacingTop=-5;align=center" parent="1" vertex="1">
  <mxGeometry x="306" y="341" width="30" height="20" as="geometry"/>
</mxCell>
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style="edgeStyle=elbowEdgeStyle;elbow=horizontal;strokeColor=#990000;strokeWidth=2"
parent="1" source="5" target="6" edge="1">
  <mxGeometry width="100" height="100" relative="1" as="geometry">
    <mxPoint x="380" y="370" as="sourcePoint"/>
    <mxPoint x="480" y="270" as="targetPoint"/>
    <Array as="points">
      <mxPoint x="440" y="310"/>
    </Array>
  </mxGeometry>
</mxCell>
<mxCell id="59" value=""
style="edgeStyle=elbowEdgeStyle;elbow=horizontal;strokeColor=#990000;strokeWidth=2"
parent="1" source="6" target="5" edge="1">
  <mxGeometry width="100" height="100" relative="1" as="geometry">
    <mxPoint x="350" y="370" as="sourcePoint"/>
    <mxPoint x="450" y="270" as="targetPoint"/>
    <Array as="points">
      <mxPoint x="460" y="320"/>
    </Array>
  </mxGeometry>
</mxCell>
<mxCell id="60" value="Existing&
documentation" style="text;spacingTop=-5;align=center" parent="1" vertex="1">
  <mxGeometry x="380.0000000000001" y="280.9999999999983" width="30" height="20"
as="geometry"/>

```

```

</mxCell>
<mxCell id="61" value="Necessary&
resources" style="text;spacingTop=-5;align=center" parent="1" vertex="1">
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as="geometry"/>
</mxCell>
<mxCell id="62" value="Progress&
reports" style="text;spacingTop=-5;align=center" parent="1" vertex="1">
  <mxGeometry x="545.0000000000001" y="100.0000000000003" width="30" height="20"
as="geometry"/>
</mxCell>
<mxCell id="63" value="Progress&
reports" style="text;spacingTop=-5;align=center" parent="1" vertex="1">
  <mxGeometry x="640" y="146.0000000000001" width="30" height="20" as="geometry"/>
</mxCell>
<mxCell id="64" value="Progress&
reports" style="text;spacingTop=-5;align=center" parent="1" vertex="1">
  <mxGeometry x="751.0000000000001" y="261.0000000000001" width="30" height="20"
as="geometry"/>
</mxCell>
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style="edgeStyle=elbowEdgeStyle;elbow=horizontal;strokeColor=#990000;strokeWidth=2"
parent="1" source="6" target="12" edge="1">
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    <mxPoint x="360" y="80.00000000000011" as="targetPoint"/>
    <Array as="points">
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    </Array>
  </mxGeometry>
</mxCell>
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style="edgeStyle=elbowEdgeStyle;elbow=vertical;entryX=0.25;entryY=1;strokeColor=#990000;stro
keWidth=2" parent="1" source="8" target="12" edge="1">
  <mxGeometry width="100" height="100" relative="1" as="geometry">
    <mxPoint x="530" y="250" as="sourcePoint"/>
    <mxPoint x="630" y="150" as="targetPoint"/>
  </mxGeometry>
</mxCell>
<mxCell id="67" value=""
style="edgeStyle=elbowEdgeStyle;elbow=horizontal;strokeColor=#990000;strokeWidth=2"
parent="1" source="7" target="12" edge="1">
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    <mxPoint x="660.0000000000002" y="360" as="sourcePoint"/>
    <mxPoint x="760.0000000000002" y="260" as="targetPoint"/>
  </mxGeometry>
</mxCell>
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style="edgeStyle=elbowEdgeStyle;elbow=horizontal;strokeColor=#990000;strokeWidth=2"
parent="1" source="8" target="5" edge="1">
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    <mxPoint x="510" y="250" as="targetPoint"/>
    <Array as="points">

```

```

        <mxPoint x="570" y="360"/>
    </Array>
</mxGeometry>
</mxCell>
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target="8" edge="1">
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        <mxPoint x="340" y="360" as="sourcePoint"/>
        <mxPoint x="440" y="260" as="targetPoint"/>
        <Array as="points">
            <mxPoint x="520" y="286"/>
        </Array>
    </mxGeometry>
</mxCell>
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Models" style="text;spacingTop=-5;align=center" parent="1" vertex="1">
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as="geometry"/>
</mxCell>
<mxCell id="71" value="Equipment&
specification" style="text;spacingTop=-5;align=center" parent="1" vertex="1">
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</mxCell>
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source="5" target="7" edge="1">
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        <mxPoint x="500" y="500" as="sourcePoint"/>
        <mxPoint x="600" y="400" as="targetPoint"/>
        <Array as="points">
            <mxPoint x="650" y="410"/>
        </Array>
    </mxGeometry>
</mxCell>
<mxCell id="73" value=""
style="edgeStyle=elbowEdgeStyle;elbow=vertical;strokeColor=#990000;strokeWidth=2" parent="1"
source="7" target="5" edge="1">
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        <mxPoint x="460" y="500" as="sourcePoint"/>
        <mxPoint x="560" y="400" as="targetPoint"/>
        <Array as="points">
            <mxPoint x="650" y="430"/>
        </Array>
    </mxGeometry>
</mxCell>
<mxCell id="74" value="Resources" style="text;spacingTop=-5;align=center" parent="1"
vertex="1">
    <mxGeometry x="621" y="390.99999999999994" width="30" height="20" as="geometry"/>
</mxCell>
<mxCell id="75" value="System &
Advantages &
and Limitations" style="text;spacingTop=-5;align=center" parent="1" vertex="1">
    <mxGeometry x="630" y="431.00000000000001" width="30" height="20" as="geometry"/>

```

```

</mxCell>
<mxCell id="76" value=""
style="edgeStyle=elbowEdgeStyle;elbow=horizontal;strokeColor=#990000;strokeWidth=2"
parent="1" source="9" target="5" edge="1">
  <mxGeometry width="100" height="100" relative="1" as="geometry">
    <mxPoint x="420" y="580" as="sourcePoint"/>
    <mxPoint x="520" y="480" as="targetPoint"/>
    <Array as="points">
      <mxPoint x="570" y="470"/>
    </Array>
  </mxGeometry>
</mxCell>
<mxCell id="77" value=""
style="edgeStyle=elbowEdgeStyle;elbow=horizontal;strokeColor=#990000;strokeWidth=2"
parent="1" source="5" target="9" edge="1">
  <mxGeometry width="100" height="100" relative="1" as="geometry">
    <mxPoint x="400" y="590" as="sourcePoint"/>
    <mxPoint x="500" y="490" as="targetPoint"/>
    <Array as="points">
      <mxPoint x="560" y="480"/>
    </Array>
  </mxGeometry>
</mxCell>
<mxCell id="78" value=""
style="edgeStyle=elbowEdgeStyle;elbow=horizontal;strokeColor=#990000;strokeWidth=2"
parent="1" source="15" target="9" edge="1">
  <mxGeometry width="100" height="100" relative="1" as="geometry">
    <mxPoint x="430" y="700" as="sourcePoint"/>
    <mxPoint x="530" y="600" as="targetPoint"/>
  </mxGeometry>
</mxCell>
<mxCell id="79" value="Hardware and
Software specs" style="text;spacingTop=-5;align=center" parent="1" vertex="1">
  <mxGeometry x="625" y="610" width="30" height="20" as="geometry"/>
</mxCell>
<mxCell id="81" value=""
style="edgeStyle=elbowEdgeStyle;elbow=horizontal;exitX=0;exitY=0.75;strokeColor=#990000;stro
keWidth=2" parent="1" source="9" target="13" edge="1">
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    <mxPoint x="420" y="730" as="sourcePoint"/>
    <mxPoint x="520" y="630" as="targetPoint"/>
    <Array as="points">
      <mxPoint x="470" y="630"/>
    </Array>
  </mxGeometry>
</mxCell>
<mxCell id="82" value="Progress&
Reports" style="text;spacingTop=-5;align=center" parent="1" vertex="1">
  <mxGeometry x="481.00000000000004" y="610.00000000000001" width="30" height="20"
as="geometry"/>
</mxCell>
<mxCell id="83" value=""
style="edgeStyle=elbowEdgeStyle;elbow=horizontal;strokeColor=#990000;strokeWidth=2"
parent="1" source="11" target="13" edge="1">

```



```

    <mxGeometry width="100" height="100" relative="1" as="geometry">
      <mxPoint x="200" y="660.0000000000002" as="sourcePoint"/>
      <mxPoint x="230.0000000000001" y="650" as="targetPoint"/>
    </mxGeometry>
  </mxCell>
  <mxCell id="84" value="Progress&
Reports" style="text;spacingTop=-5;align=center" parent="1" vertex="1">
    <mxGeometry x="410.00000000000017" y="610.0000000000002" width="30" height="20"
as="geometry"/>
  </mxCell>
  <mxCell id="85" value=""
style="edgeStyle=elbowEdgeStyle;elbow=horizontal;strokeColor=#990000;strokeWidth=2"
parent="1" source="10" target="13" edge="1">
    <mxGeometry width="100" height="100" relative="1" as="geometry">
      <mxPoint x="130.0000000000001" y="740" as="sourcePoint"/>
      <mxPoint x="230.0000000000001" y="640" as="targetPoint"/>
      <Array as="points">
        <mxPoint x="244" y="630"/>
      </Array>
    </mxGeometry>
  </mxCell>
  <mxCell id="86" value="Progress&
Reports" style="text;spacingTop=-5;align=center" parent="1" vertex="1">
    <mxGeometry x="255.99999999999994" y="650.0000000000001" width="30" height="20"
as="geometry"/>
  </mxCell>
  <mxCell id="87" value=""
style="edgeStyle=elbowEdgeStyle;elbow=vertical;strokeColor=#990000;strokeWidth=2" parent="1"
source="10" target="14" edge="1">
    <mxGeometry width="100" height="100" relative="1" as="geometry">
      <mxPoint x="70" y="740" as="sourcePoint"/>
      <mxPoint x="170" y="640" as="targetPoint"/>
    </mxGeometry>
  </mxCell>
  <mxCell id="88" value=""
style="edgeStyle=elbowEdgeStyle;elbow=horizontal;strokeColor=#990000;strokeWidth=2"
parent="1" source="5" target="11" edge="1">
    <mxGeometry width="100" height="100" relative="1" as="geometry">
      <mxPoint x="50" y="500" as="sourcePoint"/>
      <mxPoint x="150" y="400" as="targetPoint"/>
      <Array as="points">
        <mxPoint x="390" y="470"/>
      </Array>
    </mxGeometry>
  </mxCell>
  <mxCell id="89" value=""
style="edgeStyle=elbowEdgeStyle;elbow=horizontal;strokeColor=#990000;strokeWidth=2"
parent="1" source="11" target="5" edge="1">
    <mxGeometry width="100" height="100" relative="1" as="geometry">
      <mxPoint x="59.999999999999886" y="510" as="sourcePoint"/>
      <mxPoint x="159.9999999999999" y="410" as="targetPoint"/>
      <Array as="points">
        <mxPoint x="410" y="470"/>
      </Array>

```

```

    </mxGeometry>
  </mxCell>
  <mxCell id="90" value="Version&
specs" style="text;spacingTop=-5;align=center" parent="1" vertex="1">
  <mxGeometry x="261" y="461" width="30" height="20" as="geometry"/>
</mxCell>
  <mxCell id="91" value="Certificates,&
system&
libraries" style="text;spacingTop=-5;align=center" parent="1" vertex="1">
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</mxCell>
  <mxCell id="92" value=""
style="edgeStyle=elbowEdgeStyle;elbow=horizontal;strokeColor=#990000;strokeWidth=2"
parent="1" source="5" target="10" edge="1">
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  <mxPoint x="30.000000000000114" y="500" as="sourcePoint"/>
  <mxPoint x="130.0000000000001" y="400" as="targetPoint"/>
  <Array as="points">
    <mxPoint x="250" y="470"/>
  </Array>
</mxGeometry>
</mxCell>
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style="edgeStyle=elbowEdgeStyle;elbow=horizontal;strokeColor=#990000;strokeWidth=2"
parent="1" source="10" target="5" edge="1">
  <mxGeometry width="100" height="100" relative="1" as="geometry">
  <mxPoint x="40" y="510" as="sourcePoint"/>
  <mxPoint x="140" y="410" as="targetPoint"/>
  <Array as="points">
    <mxPoint x="230" y="470"/>
  </Array>
</mxGeometry>
</mxCell>
  <mxCell id="94" value="System&
specs" style="text;spacingTop=-5;align=center" parent="1" vertex="1">
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as="geometry"/>
</mxCell>
  <mxCell id="95" value="Design&
specs" style="text;spacingTop=-5;align=center" parent="1" vertex="1">
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as="geometry"/>
</mxCell>
  <mxCell id="96" value="System&
version" style="text;spacingTop=-5;align=center" parent="1" vertex="1">
  <mxGeometry x="350.99999999999998" y="461" width="30" height="20" as="geometry"/>
</mxCell>
</root>
</mxGraphModel>
{DIAGRAM}

```

# To do soon

- Diagrams on existing images. Text and arrows mostly

# Keep in mind for the future

- Adding hyperlinks to Tiki objects (wiki pages, trackers items, etc.) or external URL
  - Add a visual indication of a hyperlink
  - Backlinks: so the hyperlinked object can indicate it is part of a drawing
- **Realtime** collaboration like with **Google Drive**
  - <https://github.com/igniterealtime/Pade/issues/73>
- Export / Print: [Converting dynamic JavaScript content into static assets](#)

# Related links

- <https://about.draw.io/how-to-make-infographics-in-draw-io/>
- <https://about.draw.io/use-draw-io-on-a-tablet/>
- <https://about.draw.io/organization-charts-and-mind-maps-in-draw-io/>
- <https://about.draw.io/what-makes-a-good-collaborative-diagramming-tool/>
- <https://about.draw.io/tag/bpmn-diagrams/>
- <https://about.draw.io/improving-business-processes-with-draw-io/>
- Ideas for integration: <https://about.draw.io/integrations/confluence-integration/>
- <https://github.com/jgraph>
- <https://github.com/jgraph/drawio-desktop>

Alias names for this page:

[Draw.io](#) | [mxGraph](#) | [Diagrams](#) | [PluginDiagram](#) | [Plugin Diagram](#)