**TOOLS FOR SDLC LIFE CYCLE**

# ANALYSIS AND REQUIREMENT MANAGEMENT TOOLS:

Different tools used in analysis and requirement management are as follows:

* Process Street
* Visure
* Visual Trace Spec
* IBM Rational DOORS
* JAMA

Source: <https://www.softwaretestinghelp.com/requirements-management-tools/>

# DESIGN TOOLS:

Design Tools are separated into two categories:

1. Prototyping
2. UML Designing

## PROTOTYPING TOOLS:

* ADOBE XD
* Invision Studio
* Proto.io
* Axure
* Origami Studio

Source: <https://www.creativebloq.com/web-design/top-10-prototyping-tools-2016-21619216>

## UML DESIGNING:

* Microsoft Visio
* Visual paradigm
* Lucid Chart
* Enterprise Architecture

Source: <https://en.wikipedia.org/wiki/List_of_Unified_Modeling_Language_tools>

# PROJECT MANAGEMENT TOOLS:

* Microsoft Project
* Teamwork
* Asana
* Trello

Source: <https://www.webconfs.com/1849/the-7-best-marketing-project-management-tools-for-your-agency/>

# DATABASE MANAGEMENT TOOLS:

* Oracle RDBMS
* IBM DB2
* Microsoft SQL Server
* MySql
* MongoDB
* Microsoft Access

Source: <https://www.softwaretestinghelp.com/database-management-software/>

# DOCUMENTATION TOOLS:

## REQUIREMENT DOCUMENATION:

* Stories on board
* Trello
* And above req managing tools are also used for documentation
* UML designing are also included in this area
* Project management tools are also included in this area

## WRITING ARCHITECTURE:

* GenMyModel

## WRITING APIs:

* Swagger
* Slate

## WRITING DATABASES:

* Schema Spy
* Lucid Chart
* And all UML designing apps

## QA TESTING AND TEST MANAGEMENT:

* Xray for Jira
* Test Rail

Source: [https://stepshot.net/21-software-documentation-tools-for-every-stage-of-project-implementation/#section1](https://stepshot.net/21-software-documentation-tools-for-every-stage-of-project-implementation/" \l "section1)