Software Requirements Tool Review

A guide by Sheimy Paz

Software tool benefits that you should know.

Here we present some the wide used software tool for managing, for modeling, etc. with the purpose of sharing personal experiences and skill .

1. Jira Software

Benefits Of Using Jira Tool

Beneficial for better visibility: the basic and most important thing during the development of any software.

Beneficial for prioritization: Prioritized tasks help the developers to complete the tasks faster and in a proper way before the given deadline by the Project Manager or the owner of the project

Increased productivity: when we create tasks in JIRA then a list generates automatically which help the developers to see that which is the next task which they have to do.

Beneficial for Time-Tracking: track the time for every task that how much time has been spent on the particular task from starting to ending.

Beneficial for report generation: JIRA tool is very helpful to download the reports on the basis of Tasks and time spent on the particular task for the future purpose. It provides a way to download the list of Tasks, Assignee, Reporter, and whole information regarding every task.

Popular Interview questions

What is JIRA?

JIRA is an issue tracking product or a software tool developed by Atlassian, commonly used for bug tracking, project management, and issue tracking; it is entirely based on these three aspects. It is widely used in software development and software testing.

What is a workflow?

Workflow is defined as a movement of the bug/issue through various stages during its life-cycle

- Created/Open
- WIP (Work In Progress)
- Completed/Closed

What can be referred to as an issue in Atlassian JIRA?

In JIRA, an issue can be anything like a

- Software bug
- The project task
- A help-desk ticket
- The leave request form
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List out the source control programs with which it integrates?

It integrates with source control programs such as CVS, Git, Subversion, ClearCase, Visual SourceSafe, Mercurial, and Perforce.

Why use JIRA software?

- Upfront and fair licensing policy
- Features that is not available elsewhere
- Get the latest update on the progress of projects
- It runs anywhere and recognized with many famous companies
- Easily extensible and customizable

Figma

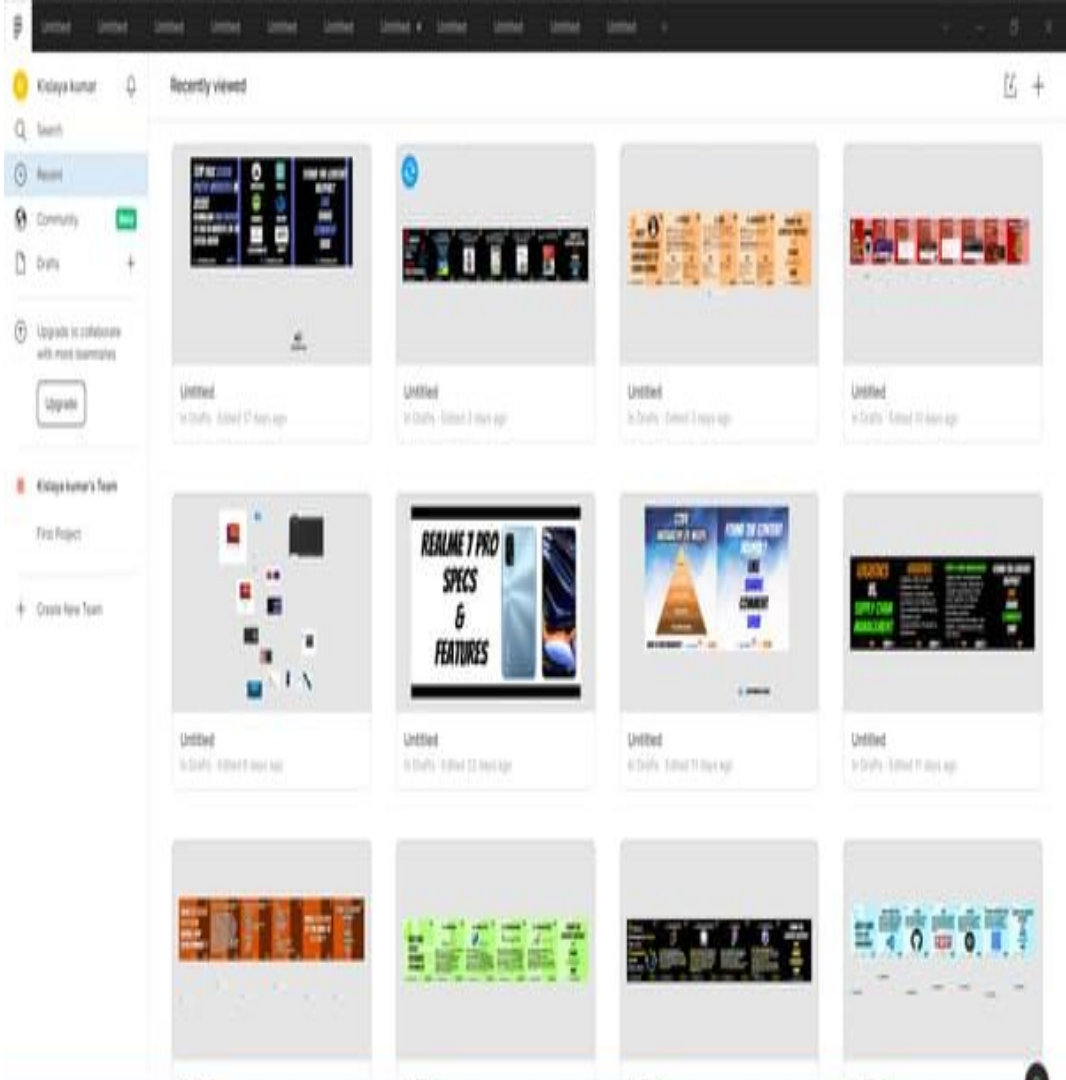
Figma is a prototyping tool, vector graphics editor, and interface design application that runs in the browser, which means it is a web-based software

Features:

Stretch to fill: Auto Layout component of Figma can stretch right and left (or bottom and top) for effortless responsive design.

Less manual resizing: Buttons can resize and read just with their text and lists can rearrange automatically when items are moved from one place to another

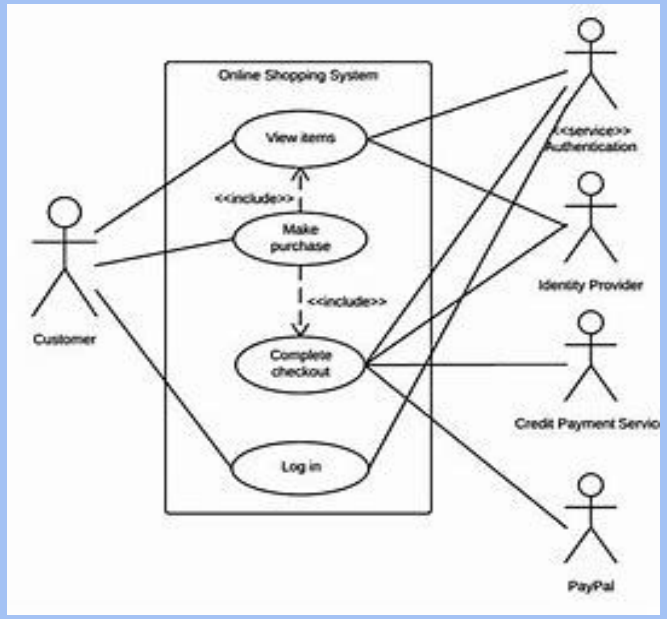
The design speaks development: Auto Layout's direction, padding, and spacing settings translate directly into the code which simplifies the developer's problem

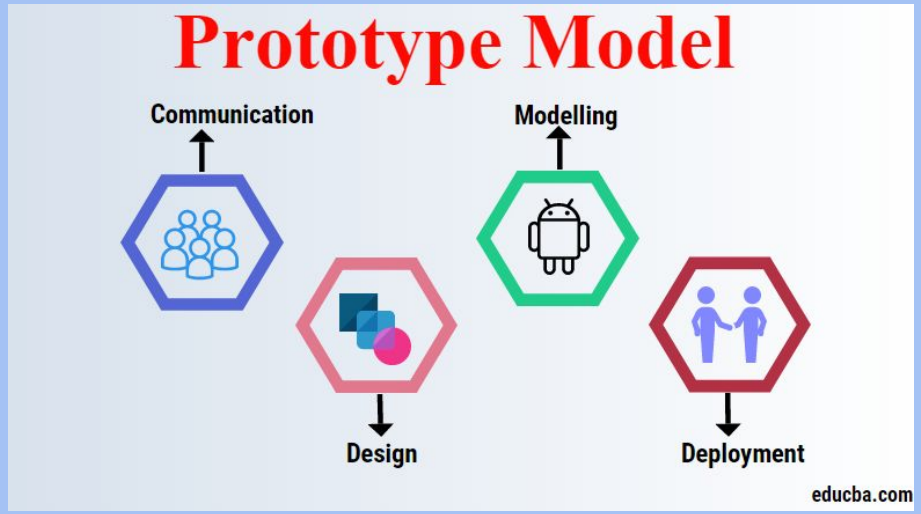


An open source modeling software that is used in Unified Modelling Language where system and software modeling is supported with the UML concept to generate code for different languages by providing different types of UML diagram to develop fast and flexible UML platform so that requirements and design is given before starting the project where it is called as a big upfront design approach for the users who require the software designs to improve their project and hence to support their UML design diagrams in the system.

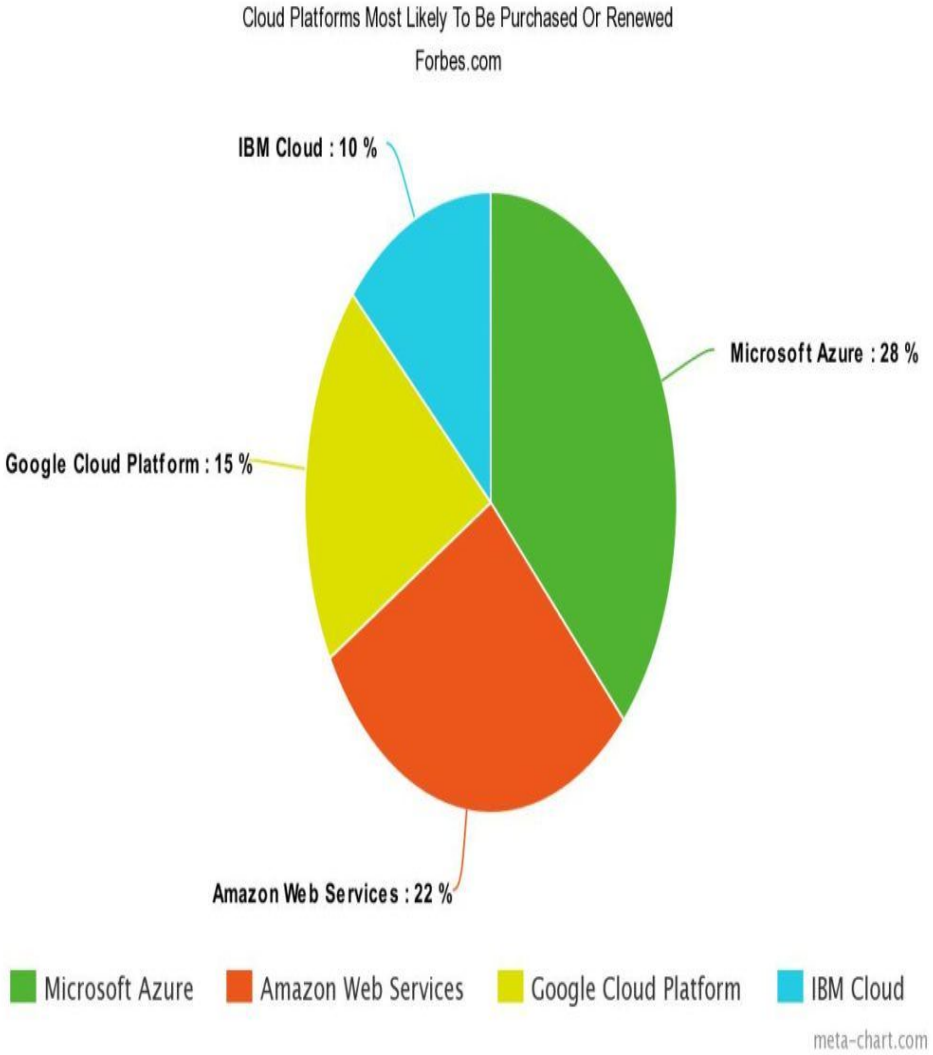
UML Example

StarUML is faster, flexible and can be extended to accommodate other codes in the diagram.



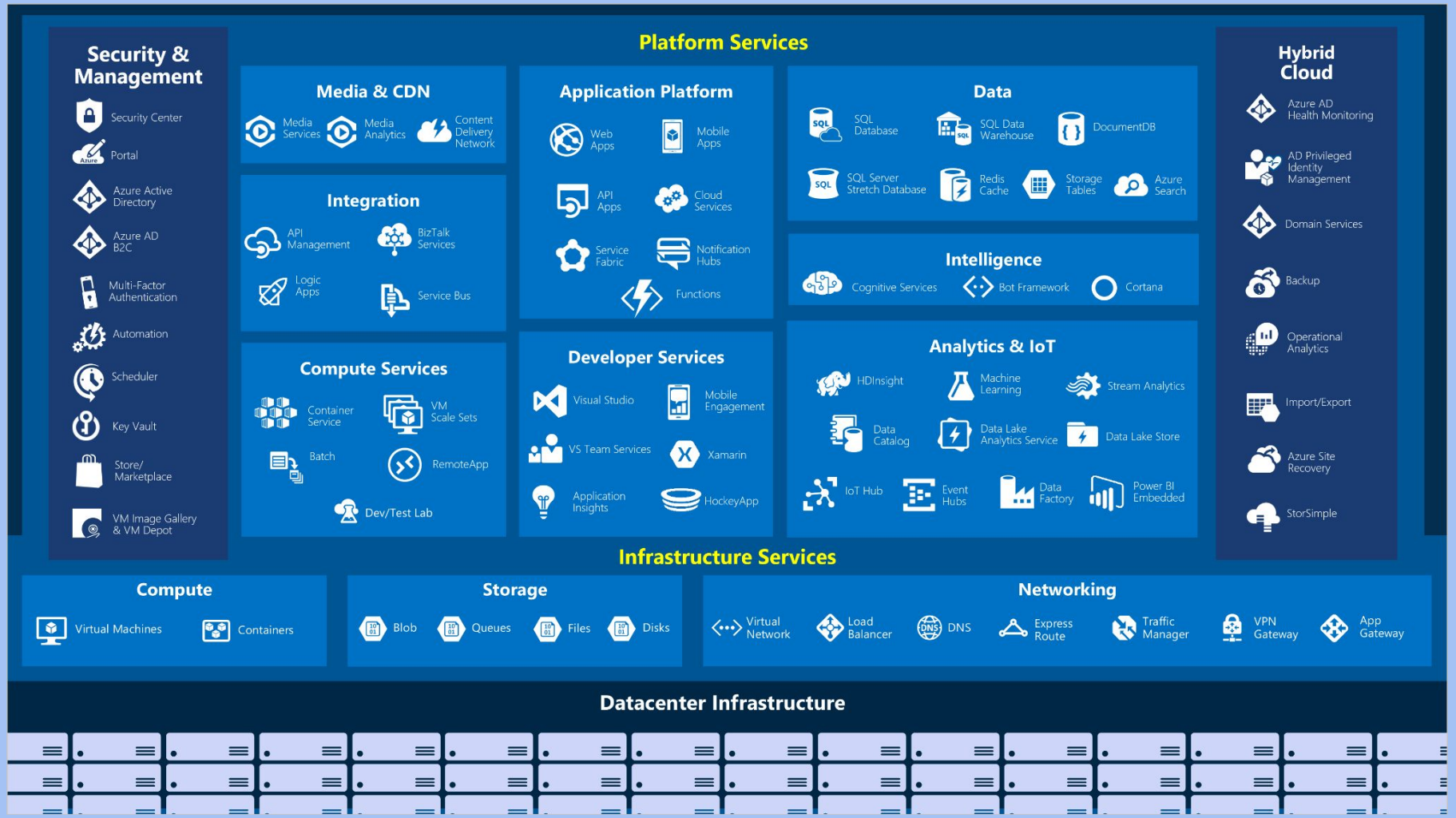


It helps to know the requirements in the system and to apply the design patterns so that proper analysis can be done to understand and modify the diagrams.



Azure is a cloud computing platform that can provide everything a business needs to run all or part of its computing operations virtually—including servers, storage, databases, networking, analytics and mor

Story for illustration purposes only


Security & Management
Security Center
Portal
Azure Active Directory
Azure AD B2C
Multi-Factor Authentication
Automation
Scheduler
Key Vault
Store/ Marketplace
VM Image Gallery & VM Depot
Platform Services
Media & CDN
Media Services
Media Analytics
Content Delivery Network
Integration
API Management
BizTalk Services
Logic Apps
Service Bus
Compute Services
Container Service
VM Scale Sets
Batch
RemoteApp
Dev/Test Lab
Application Platform
Web Apps
Mobile Apps
API Apps
Cloud Services
Service Fabric
Notification Hubs
Functions
Developer Services
Visual Studio
Mobile Engagement
VS Team Services
Xamarin
Application Insights
HockeyApp
Data
SQL Database
SQL Data Warehouse
DocumentDB
SQL Server Stretch Database
Redis Cache
Storage Tables
Azure Search
Intelligence
Cognitive Services
Bot Framework
Cortana
Analytics & IoT
HDInsight
Machine Learning
Stream Analytics
Data Catalog
Data Lake Analytics Service
Data Lake Store
IoT Hub
Event Hubs
Data Factory
Power BI Embedded
Hybrid Cloud
Azure AD Health Monitoring
AD Privileged Identity Management
Domain Services
Backup
Operational Analytics
Import/Export
Azure Site Recovery
StorSimple
Infrastructure Services
Compute
Virtual Machines
Containers
Storage
Blob
Queues
Files
Disks
Networking
Virtual Network
Load Balancer
DNS
Express Route
Traffic Manager
VPN Gateway
App Gateway
Datacenter Infrastructure

Multiple datacenters for data storage, which allows you to deploy a cloud service to different locations around the world.

Azure Site Recovery, a service that helps ensure your critical business applications stay online during an outage or disruption by replicating those workloads from a primary site to a secondary location.

Azure Traffic Manager, which automates network routing to different locations (predetermined by you) in case of a region-specific failure.

3x data replication, which means all the data you store in Azure is copied three times, either to a single or a secondary datacenter.