

WEEK-1

1. Discuss success and failure stories of software

Success story of software:

1. Slack

Slack is a cloud-based proprietary instant messaging platform. It's a chatroom for the entire company designed to replace email as the primary method of communication. Stewart Butterfield is the CEO and co-founder of Slack. In 2013, Stewart and his team launched Slack, The backend development and development of slack app integrations usually takes close to 360 hours of coding, which amounts to \$54,000 on average. Which has transformed business communication. Now slack has net worth of 27.7 billion USD. Slack is used by more than 10 million daily active users.



2. Flipkart

Flipkart is an Indian e-commerce company, was founded in October 2007 by Sachin Bansal and Binny Bansal, Flipkart is the most prominent e-Commerce website in India and is empowering tons of Indian businesses into the competitive online shopping industry. The initial development budget of Flipkart was INR ₹400,000 later it was funded by many funders. In August 2018, U.S.-based retail chain Walmart acquired a 77% controlling stake in Flipkart for US\$16 billion, valuing Flipkart at around \$20 billion. And now Flipkart has more than 350 million customers and offering 150 million products across 80+ categories with net worth of 40 billion



3. Phonepe

Phonepe is a mobile payment platform. Phonepe was founded in December 2015. Its founder are Sameer nigam, Rahul Chari. Phonepe investment was 12 million. It went live in august 2016. It could be linked to a single debit/credit card or bank account. This app is available in 11 Indian languages. It helps to online transaction easily with safe from cybercriminals. The phonepe was based on UPI (unified payment interface). Phonepe was secured by UPI password. It is very easy to recharge your mobile number through phonepe. One of the other features of the phonepe app is the option to send and receive money using a QR code.



Failure Story of software

1. Software Fault in Airbus A400M plane

In May 2015, The Airbus A400M crashed near Seville, on 9 May, after a failed emergency landing during its first flight. It was a fatal crash that happened in Spain. Data needed to run the engines had been accidentally erased and lead to crash and cost the loss of 23 billion and 4 crew members



2. Ransomware attack to colonial pipeline

In 2021, hackers get access to computer system and essentially hold a company hostage for money. The attack began when a hacker group identified as DarkSide accessed the Colonial Pipeline network. The attackers stole 100 gigabytes of data within a two-hour window. Following the data theft, the attackers infected the Colonial Pipeline IT network with ransomware that affected many computer systems, including billing and accounting.

One of the largest fuel pipeline in the US, colonial pipeline was hit by a cyberattack which was made colonial CEO to pay 4.4 million dollars to get company's network up and running again.



1. Nest thermostat leaves

Nest thermostat is a home app or nest app. In mid -Jan 2016 nest smart thermostat was developed. It was owned by Google. It cost was \$50 million. This software is used to heat the homes in the cold time. While it's actively heating or cooling, the error in this software was forcing the device batteries to drain, leaving it unable to control temperature, so customers were unable to heat their homes.



Software ethical practices

Profession

Software engineers shall advance the integrity and reputation of the profession consistent with the public interest. In particular, software engineers shall, as appropriate:

- Help develop an organizational environment favorable to acting ethically.
- Promote public knowledge of software engineering.
- Extend software engineering knowledge by appropriate participation in professional organizations, meetings and publications.
- Support, as members of a profession, other software engineers striving to follow this Code.
- Not promote their own interest at the expense of the profession, client or employer.
- Avoid associations with businesses and organizations which are in conflict with this code.
- Take responsibility for detecting, correcting, and reporting errors in software and associated documents on which they work.

Laws for IT industry in India

The Computer Misuse Act 1990

The Computer Misuse Act creates three new offences that can briefly be described as:

- Unauthorized access to a computer;
- Unauthorized access to a computer with intention to commit a serious crime; and
- Unauthorized modification of the content of a computer

Section 1: of the Computer Misuse Act 1990 states that, a person is guilty of an offence if

- Person causes a computer to perform any function with intent to secure access to any program or data held in any computer
- Person access he intends to secure is unauthorized and
- Person knows at the time when he caused the computer to perform the function that is the case.

Section 2: of the Act is concerned with gaining unauthorized access to a computer with the intention of committing a more serious offence.

- A black mailer might attempt to gain unauthorized access to medical records
- A terrorist might try to get access to a computer system to cause accidents to happen

Section 3: of the Act states that: a person is guilty of an offence if

- He does any act which causes an unauthorized modification of the contents of any computer.
- At the time when he does the act he has the requisite intent and the requisite knowledge

The Data Protection Act 1998 (DPA)

To determine the appropriateness of security measures, you should consider all of the following:

- Unauthorized or unlawful processing of personal data.
- Accidental loss or destruction of, or damage to, personal data
- implementation costs
- technological developments
- the nature of the data - sensitive personal data will merit particular attention
- the harm that might result from unauthorized or unlawful processing or from accidental loss destruction and damage to the data

WEEK-2

1. Case study to understand the SDLC

Software Development Life Cycle

The Software Development Life Cycle (SDLC) refers to a methodology with clearly defined processes for creating high-quality software. In detail, the SDLC methodology focuses on the following phases of software development.

- Requirement analysis.
- Planning.
- Software design such as architectural design.
- Software development.
- Testing.
- Deployment.

This article will explain how SDLC works, dive deeper in each of the phases, and provide you with examples to get a better understanding of each phase.

What is the software development life cycle?

SDLC or the Software Development Life Cycle is a process that produces software with the highest quality and lowest cost in the shortest time possible. SDLC provides a well-structured flow of phases that help an organization to quickly produce high-quality software which is well-tested and ready for production use.

The SDLC involves six phases as explained in the introduction. Popular SDLC models include the waterfall model, spiral model, and model. So, how does the Software Development Life Cycle work?

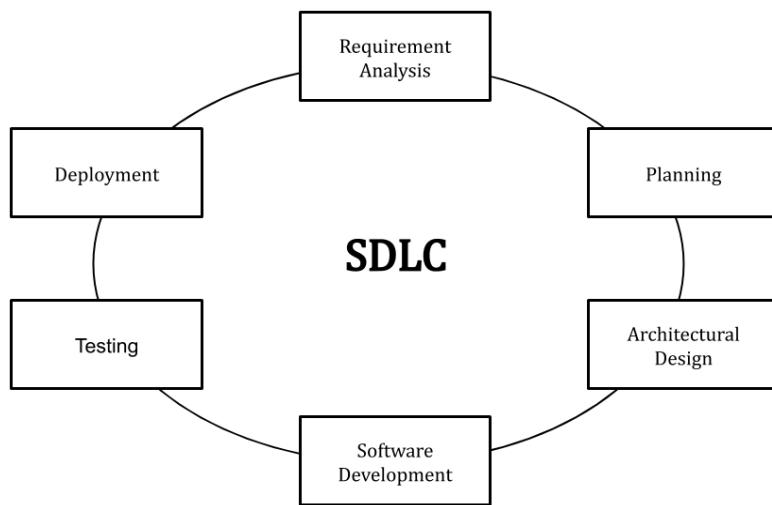
How the SDLC Works

SDLC works by lowering the cost of software development while simultaneously improving quality and shortening production time. SDLC achieves these apparently divergent goals by following a plan that removes the typical pitfalls of software development projects. That plan starts by evaluating existing systems for deficiencies.

Next, it defines the requirements of the new system. It then creates the software through the stages of analysis, planning, design, development, testing, and deployment. By anticipating costly mistakes like failing to ask the end-user or client for feedback, SLDC can eliminate redundant rework and after-the-fact fixes.

It's also important to know that there is a strong focus on the testing phase. As the SDLC is a repetitive methodology, you have to ensure code quality at every cycle. Many organizations tend to spend few efforts on

testing while a stronger focus on testing can save them a lot of rework, time, and money. Be smart and write the right types of tests. Next, let's explore the different stages of the Software Development Life Cycle.



Stages and Best Practices

Following the best practices and/or stages of SDLC ensures the process works in a smooth, efficient, and productive way.

1. Identify the Current Problems

“What are the current problems?” This stage of the SDLC means getting input from all stakeholders, including customers, salespeople, industry experts, and programmers. Learn the strengths and weaknesses of the current system with improvement as the goal.

2. Plan

“What do we want?” In this stage of the SDLC, the team determines the cost and resources required for implementing the analyzed requirements. It also details the risks involved and provides sub-plans for softening those risks. In other words, the team should determine the feasibility of the project and how they can implement the project successfully with the lowest risk in mind.

3. Design

“How will we get what we want?” This phase of the SDLC starts by turning the software specifications into a design plan called the Design Specification. All stakeholders then review this plan and offer feedback and suggestions. It’s crucial to have a plan for collecting and incorporating stakeholder input into this document. Failure at this stage will almost certainly result in cost overruns at best and the total collapse of the project at worst.

4. Build

“Let’s create what we want.” At this stage, the actual development starts. It’s important that every developer sticks to the agreed blueprint. Also, make sure you have proper guidelines in place about the code style and practices. For example, define a nomenclature for files or define a variable naming style such as camel Case. This will help your team to produce organized and consistent code that is easier to understand but also to test during the next phase.

5. Code Test

“Did we get what we want?” In this stage, we test for defects and deficiencies. We fix those issues until the product meets the original specifications. In short, we want to verify if the code meets the defined requirements.

6. Software Deployment

“Let’s start using what we got.” At this stage, the goal is to deploy the software to the production environment so users can start using the product. However, many organizations choose to move the product through different deployment environments such as a testing or staging environment. This allows any stakeholders to safely play with the product before releasing it to the market. Besides, this allows any final mistakes to be caught before releasing the product.

Extra: Software Maintenance

“Let’s get this closer to what we want.” The plan almost never turns out perfect when it meets reality. Further, as conditions in the real world change, we need to update and advance the software to match.

The DevOps movement has changed the SDLC in some ways. Developers are now responsible for more and more steps of the entire development process. We also see the value of shifting left. When development and Ops teams use the same toolset to track performance and pin down defects from inception to the retirement of an application, this provides a common language and faster handoffs between teams.

Application performance monitoring (APM) tools can be used in a development, QA, and production environment. This keeps everyone using the same toolset across the entire development lifecycle.

Examples

The most common SDLC examples or SDLC models are listed below.

Waterfall Model

This SDLC model is the oldest and most straightforward. With this methodology, we finish one phase and then start the next. Each phase has its own mini-plan and each phase “waterfalls” into the next. The biggest drawback of this model is that small details left incomplete can hold up the entire process.

Agile Model

The Agile SDLC model separates the product into cycles and delivers a working product very quickly. This methodology produces a succession of releases. Testing of each release feeds back info that's incorporated into the next version. According to Robert Half, the drawback of this model is that the heavy emphasis on customer interaction can lead the project in the wrong direction in some cases.

Iterative Model

This SDLC model emphasizes repetition. Developers create a version very quickly and for relatively little cost, then test and improve it through rapid and successive versions. One big disadvantage here is that it can eat up resources fast if left unchecked.

V-Shaped Model

An extension of the waterfall model, this SDLC methodology tests at each stage of development. As with waterfall, this process can run into roadblocks.

Big Bang Model

This high-risk SDLC model throws most of its resources at development and works best for small projects. It lacks the thorough requirements definition stage of the other methods.

Spiral Model

The most flexible of the SDLC models, the spiral model is similar to the iterative model in its emphasis on repetition. The spiral model goes through the planning, design, build and test phases over and over, with gradual improvements at each pass.

Case study to understand the SDLC on video doorbell

Introduction:

The purpose of this project is to make home or office or any area secure. When someone presses the doorbell, then the doorbell make a video call to the registered number. If someone roams in front of the door it notifies you by sending message. Then he can see the person who is roaming in front of our door. So, if the person is known we can open the door otherwise we can be alert. And also we can talk to the person through mobile only and the person can reply there itself, Because it contains the audio speaker so that we can hear the outside people talks trough the mobile once we pick up the video call. If someone tries to steal it then the steal alarm will be activated.

Requirements:

Hardware requirements:

- Raspberry pi a small single board computer.
- PIR sensor (passive infrared sensor).
- Camera with 1080p resolution.
- SD card with the storing capacity of 1TB.
- A microphone and speakers.
- Chime with multiple tones.
- Push button.
- DC motor with relay circuit.

For software:

- Python programming
- PHP programming
- Raspbian Jessie OS
- Apache
- Open cv

How should software work?

- When a visitors press the button make a video call to the authorized owner.
- If someone roams in front of the door take pictures and notify the owner.
- When someone try to steal the doorbell start the alarm and notify the owner.
- Work according to the instructions given by the authorized software application.

Android application:

- The interface to select the modes home, away , night
- Call history with the picture of the person.
- It should notify when anyone presses the bell.
- A quality video call.

Designing:

Designing is a mechanism that transform user requirements into some suitable form, which helps the programmer if software coding.

Coding:

Coding is mainly done by using python programming, PHP programming.

Testing:

Testing is the process of executing a program to find errors. To make our software perform well it should be error-free.

Deployment:

Here the final product is delivered or deployed to user needed place

Maintenance:

The maintenance and modifications are provided for some period of time according to the agreement.

Update:

Updates will be provided if the user need better experience or extra features after the product delivery.

Advantages:

- Know who is at the door
- Speak to visitors without opening the door
- See who came by when you were away from the home
- Powerful component for home security.
- Can be installed anywhere

Disadvantages:

- Expensive when compared to other cameras.
- Can be hacked, opening your network for additional vulnerabilities.
- Cannot use mobile data as a connection type.
- Shiny objects for potential criminals.

Cost

- The cost differs according to the hardware components and the software specifications used in the software. Generally it can cost approximately INR.20000 to INR 25000 and it was designed according to waterfall model.

Some of the pictures related to video doorbell



Modes

Select Mode
Modes are selectable settings that can control the behaviour of all your Qubo devices.

- Home**
- Away**
- Night**

Night

Save

Devices

Cam 360

Recording Settings When a person is ...

Notification Settings When a person is ...

Camera State ON

Routines

INSTANT VISITOR VIDEO CALL

Hardware component:



Doorbell



Chime



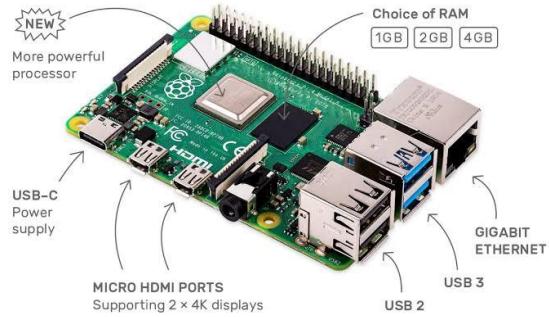
SD card



Microphone and Speakers



PIR sensor



Raspberry pi



video camera

2. Organize and play games to understand the agile process like, morning wake up game

Why this agile games are played in the team

- To refresh the employees
- This game is played to check the coordination of the team members
- To check the time complexity of the team. Whether the team members are do their work as soon as possible
- The team members can think the new, new ideas to improve their skills

Agile process model” refers to a software development approach based on iterative development. Agile methods break tasks into smaller iterations, or parts do not directly involve long term planning. The project scope and requirements are laid down at the beginning of the development process.

The Agile process contain these games

- The Marshmallow Challenge
- White elephant sizing
- Easter egg

1. The Marshmallow Challenge:

Build the tallest free-standing structure in just 18 minutes using no more than 20 sticks of spaghetti, one yard of tape, one yard of string, and one marshmallow. The marshmallow must be on top and cannot be deformed to hold it in place.



Requirements:

20 spaghetti

5 marshmallow

String

Tape

Scissors

2. White Elephant Sizing

- Agile teams need to estimate the size of their stories or product backlog items. The goal of the **White Elephant Game** is to get a quick estimate of the relative size of an agile project and the size of the individual stories before the project starts. It gives opportunity to everyone for their voices are heard, and everyone contributes equally. Estimation is a key component of **project realization**.
- A board (whiteboard or White paper chart or something like that) – divided into 5 columns(XS, S, M, L, XL) or divide it into 3 (S,M,L) columns or start with three columns and as per the need for more granularity add additional columns or divided by Fibonacci Sequence for estimation 1, 2, 3, 5, 8...
- Timer or stopwatch
- A set of prepared user stories – Print out/Write down all Product Backlog Items or user stories on separate cards. It can be just the summary or summary with brief description of user stories which is enough for the team to understand.

Requirements:

1. A set of cards
2. Tape of Sticky notes

T-shirt size	Cost range			
 XXL	Epic	Epic	2M+	
 XL	Enabler	Epic	1M – 1.5M	
 L	Epic	Epic	500K – 800K	
 M	Enabler	Enabler	250K – 400K	
 S	Epic	Epic	Epic	100K – 200K

3. Easter egg:

Paper Easter egg Ornaments

Bring on the Easter celebrations! Create these simple paper Easter eggs for the perfect Easter activity this season. These have to be the healthiest Easter eggs around! Make your own paper Easter egg ornaments to decorate at home or in the classroom. Perfect to use them to hang outside for the Easter egg hunt.

Requirements:

A4 sheet

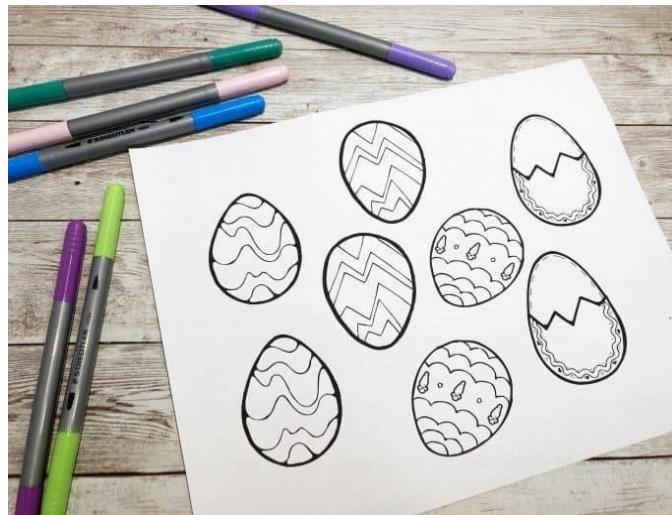
Colored markers

Scissors

Pencil

Rubber

STEP 1: Draw the egg on the sheet how much you can possible



Step 2: Design the eggs



STEP 3: Color in the Easter eggs with markers.



Step 4: Cut the Easter egg according to the egg shape



Consideration of winner

Which team has done more eggs and design the egg uniquely that team became the winner

3. Create JIRA (similar tool) account and learn interface

Jira Software

Jira Software is part of a product family that helps teams of all kinds to manage their jobs. Jira was originally designed as a tracker for problems and bugs. Today, however, Jira has become a powerful work management tool for all types of applications, from requirements and test case management to agile software. Jira Software is an agile project management tool that supports any agile methodology, be it scrum, Kanban, or your own unique flavor. From agile boards, backlogs, roadmaps, reports, to integrations and add-ons you can plan, track, and manage all your agile software development projects from a single tool.

Jira Features:

- JQL (Jira Query Language).
- Creates advanced Dashboards.
- Add-ons allows customized features, unique, design.
- Reports.

1. Creating an Account of Jira:

- Open browser and Search for Jira Atlassian Log in page
- Sign in with your Google account and Continue as Your “GMAIL”
- Click on Jira Software.(reference **FIG:1**)
- New page and click on Get it free
- Click on Next(**FIG:2**)
- Give a name to your website and click on Agree. (**FIG:3**)
- Skip the 3 Questions. Then Setup Jira account.
- Give a name to your Project and Select the template you want to choose/skip.
- You can connect your Jira software to your existing account like Slack, Microsoft Team, GitHub, GitLab, Zendesk, etc... You can it and do it later.

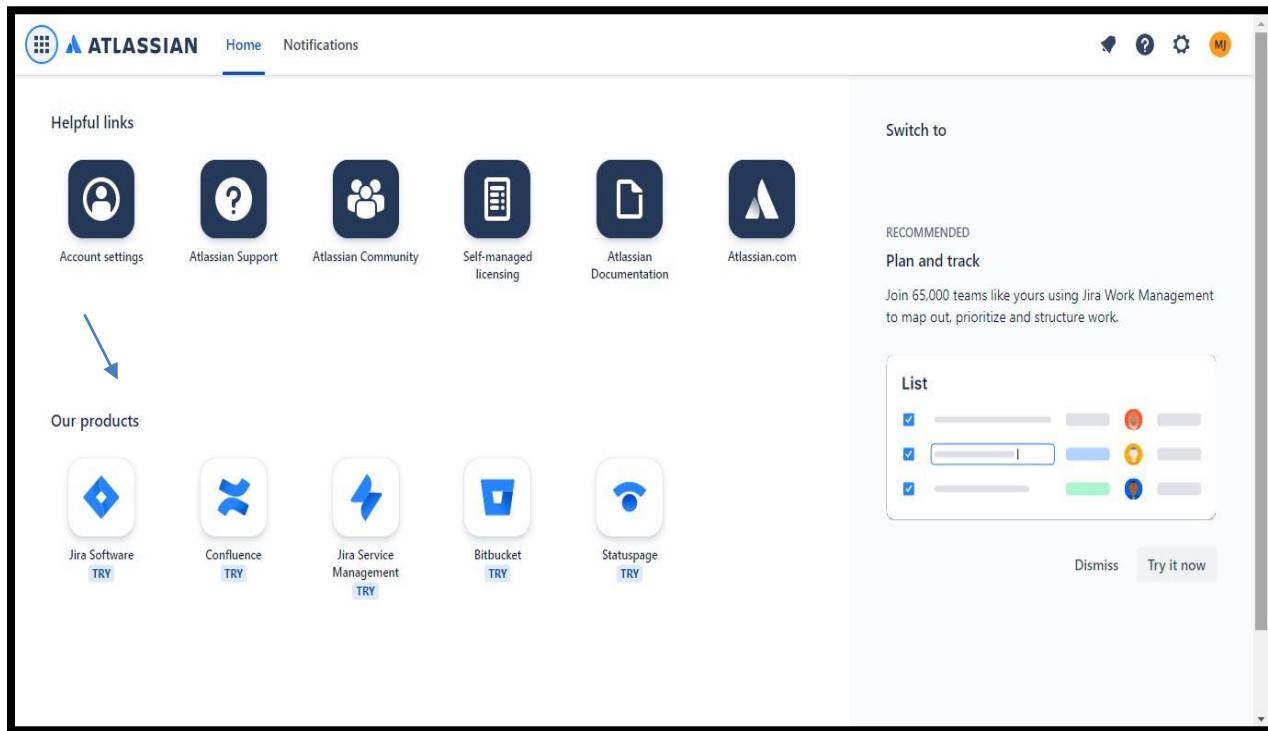


FIG: 1

The screenshot shows a landing page for Jira Software. At the top, the Atlassian logo is displayed. Below it, a large heading reads 'Our cloud products work even better together'. A sub-section below says 'Get another one for free'.

EACH PRODUCT ON A FREE PLAN:

- ✓ Supports up to 10 users or 3 agents
- ✓ Includes 2 GB of storage
- ✓ Offers Community support
- ✓ Is always free, no credit card needed

YOU SELECTED

Jira Software
Project and Issue tracking

SELECT A SECOND PRODUCT

Confluence
Document collaboration
Add context to your projects with a single source of truth for product requirements, release notes, and documentation.

Jira Service Management
High-velocity ITSM
Empower Dev and Ops teams to collaborate at high-velocity, so they can respond to business changes and deliver service experiences fast.

Next

NO CREDIT CARD REQUIRED

FIG: 2

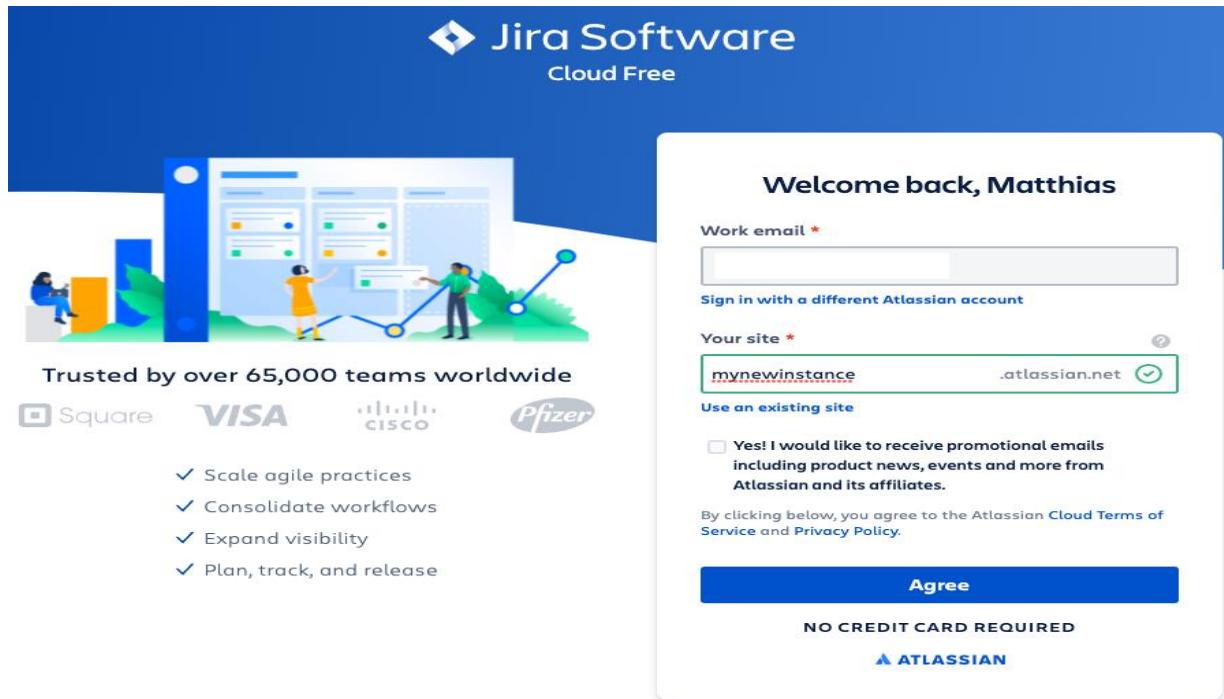


FIG: 3

- You can invite your teammates by typing their Email address.
- You can now have an account in Jira Software Tool.

4. Interface of Jira Software:

Version name	Status	Progress	Start date	Release date	Description	Actions
Version 4.0	IN PROGRESS	<div style="width: 100%;"></div>	03/01/2021	--	Awesome...	...
Version 3.0	UNRELEASED	<div style="width: 10%;"></div>	02/15/2021	--	Website to...	...
Version 2.0	UNRELEASED	<div style="width: 10%;"></div>	02/01/2021	--	--	...
Version 1.8	RELEASED	<div style="width: 100%;"></div>	01/04/2021	02/14/2021	Version 1.8	...
Version 1.5	RELEASED	<div style="width: 100%;"></div>	11/30/2020	12/18/2020	Version 1.5	...
Version 1.3	RELEASED	<div style="width: 100%;"></div>	11/16/2020	12/01/2020	Version 1.3	...
Version 1.2	RELEASED	<div style="width: 100%;"></div>	10/12/2020	11/13/2020	Version 1.2	...
Version 1.0	RELEASED	<div style="width: 100%;"></div>	09/21/2020	11/06/2020	Version 1.0	...

1. Create:

You can either create a new epic in agile or either use the issue you have created in normal JIRA board.

2. Plan:

Plan mode displays all the user stories created for the project

3. Dashboard:

Dashboard is the main display you see when you log in to Jira. You can create multiple dashboards from different projects, or multiple dashboards for one massive overview of all the work you're involved with.

4. Project:

A project is a simply collection of issues (stories, bugs, tasks, etc.). You would typically use a project to represent the development work for a product, project, or service in Jira software.

5. Roadmap:

Roadmap in Jira Software are team-level roadmap useful for planning large pieces of work several months in advance at the Epic level within a single project.

6. Backlog:

The backlog view lists issues that your team plans to work on (in the backlog or Sprint lists), as well as the issues currently on your team's board (in the board list).

7. Active Sprint:

The Active sprints of a Scrum board displays the issues that your team is currently working on. You can create and update issues, and drag and drop issues to transition them through a workflow.

8. Reports:

Reports in Jira software offers critical insights for scrum, Kanban, and any agile methodology in between sprint report, burn down chart, release burn down, velocity chart, control charts etc.

9. Issues:

A Jira issue represents a single piece of work in a project.

10. Releases:

Releases represent points in time for your project. They can be used to schedule how features are rolled out to your customers.

11. Project settings:

Once you have created a project, you can configure it to suit the needs of your team or to adapt to a new piece of work.

WEEK-3

1. Play and act agile ceremonies

Asana

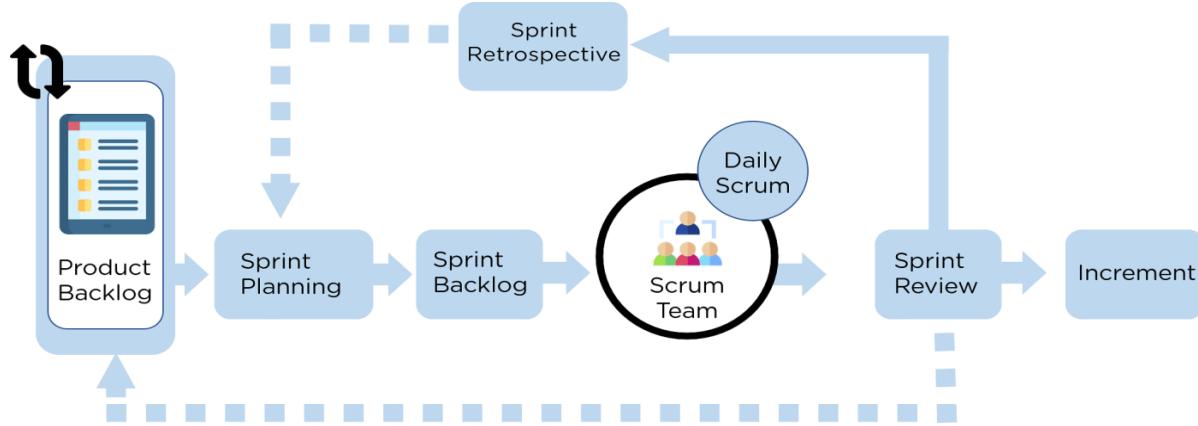
Asana is a workplace management dashboard that helps streamline communication across companies and teams. Asana is customizable, and allows users to break down projects into tasks and set clear goals for teams. Asana also has integration with hundreds of other apps that businesses use, like Google Drive and outlook. Asana is a software-as-a-service platform designed to improve team collaboration and work management. It helps teams manage projects and tasks in one tool. Teams can create projects, assign work to teammates, specify deadlines, and communicate about tasks directly in Asana.



Features of Asana:

- Mobile
- Work, project and task management
- Communication
- Views
- Reporting
- Team management
- Top integrations

Agile ceremonies



Product Backlog

The first step is to create a list of tasks that need to be completed to achieve the requirements of the stakeholders/clients.

Sprint Planning

During this stage, the team determines the tasks from the product backlog that they want to work towards completing during the sprint

Sprint Backlog

The tasks discussed during the sprint planning are added to the sprint backlog.

Scrum Team

The Scrum team (usually consists of 5 to 9 members) works on the tasks mentioned in the sprint backlog.

Daily Scrum

The team will have daily Scrum meetings, which are 15-minute sessions, during which the team members synchronize their activities and plan their activities for the day.

Sprint Review:

After a sprint is completed, a sprint review takes place. Involving the team, scrum master, product owner, and stakeholders, the sprint review shows what the team accomplished during the sprint. During the meeting, questions are asked, observations are made, feedback and suggestions are also given

Product Backlog

At this point, the product owner presents the product backlogs to the stakeholders for suggestions for tasks that can be added in the upcoming sprints, and so on.

Sprint Retrospective

After the sprint review, the sprint retrospective takes place. During this meeting, past mistakes, potential issues, and new ways to handle them are identified. Data from here is incorporated when planning the new sprint.

Increment

A workable output is provided to the stakeholders.

2. Play different agile roles

Product owner, business analyst

The two key pillars for a successful agile project are the Product Owner (PO) and the Business Analyst.

Product owner:

A product owner is a role on a Scrum team that is responsible for the project's outcome.

The product owner seeks to maximize a product's value by managing and making product best and effective



Roles and responsibility of a product owner:

- **Defining the vision:** The agile product owner is the person on the product development team, using their high-level perspective to define goals and create a vision for development projects.
- **Managing the product backlog:** One of the most important responsibilities for a scrum product owner is managing the product backlog.
- **Prioritizing needs:** Another key role of the product owner is to prioritize needs. In other words, they must prioritize the triangle of scope, budget, and time, weighing priorities according to the needs and objectives of stakeholders.
- **Overseeing development stages:** With the vision, strategy, and product priorities set, the product owner should spend a significant amount of time overseeing the actual development of the product. They are a key player throughout each event, including planning, refinement, review, and sprint

Soft skills needed to a product owner:

- Communication
- Technical Skills.
- Decision-Making.

- Project Management Skill.
- Collaboration.

Business analyst:

Agile business analyst is about increasing the delivery of business value to the stakeholders of the project or product being developed.



Role of a business analyst in agile:

- Maintain the focus on business value
- Identify missing requirements
- Coach the Product Owner (on work)
- Coach the development team (on business domain)
- Help define acceptance criteria before work starts
- Solving Business Problems
- Looking for Savings and Efficiencies
- Focusing on Business Development
- Performance Analysis
- Competitor Analysis

Soft skills of a business analyst are:

- 1. Analytical Thinking and Problem Solving:** solving, creative thinking, systems thinking, learning and decision making
- 2. Behavioral Characteristics:** ethics, personal organization and trustworthiness
- 3. Business Knowledge:** business principles & practice, industry knowledge, organization knowledge and solution knowledge
- 4. Communication Skills:** oral communication, written communication and teaching Interaction Skills facilitation & negotiation, leadership & influencing and teamwork

5. Software Applications: general purpose applications and specialized applications

WEEK-4

1. Case study to understand the importance of risk management and mitigation of risk

Risk management and Risk mitigation case study on Tesla:



Introduction: Tesla is American-based Company headquartered in Palo Alto, California. It was founded in 2003 by group of engineers the company specializes in Designing, developing and manufacturing high performing E-Vehicle (Electronic vehicle) with the goal of emission-free future through the development of clean energy products. And the company effectively researching on efficient, high performing, safe and commercially viable automobiles.

Risk areas and types:

Supply Chain Risk:

- Supply chain Disruption:
 - Raw materials
 - Battery cells
 - Electronics
- Price volatilities:
 - Price variation in steal and copper in market.

Technological Risk:

- Cyber Security:
 - Vulnerable
 - Hacking
- Innovation Risk:

- High turnover
- Development delay

Market Risk:

- Interest Rates:
 - Increased rates
 - Increased debts
- Foreign currency risk:
 - Multiple currencies
 - Exchange rate fluctuations.

Business/Industry Risk:

- E-vehicle:
 - Low adoption rate
 - Competitive risks
 - Production delays
- Foreign currency risk:

International Operational Risk:

- Regulatory:
 - New trade policies.
- Labour relations:
 - International labour laws.

Risk mitigation:

Supply Chain Risk:

- Recruiting multiple suppliers.

Technological Risk:

- Enforcement of strict security policies.
- Integration of cloud computing.
- Attracting and retaining innovative employees.

Market Risk:

- Establishing fully functional subsidiaries in high demand countries.
- Selling long term bonds.

Business/Industry:

- More investments in advertisements and promotion campaigns.
- Enhancing procurement operations.

International operations:

- Enacting policies to promote compliance.
- Strict compliance with labour laws

Important Problems and Potential Solutions:

Problem: Data security and privacy is the most important technological risk.

The five major reasons:

- The new program that allows consumer to receive regular system updates vulnerable to cyber-criminals.
- Modern vehicles have wireless connections that hackers can use to access the company system remotely.
- Inconsistent and unsecure wireless connection.
- Increasing Hackers capacity to bypass security protocols.
- Customer and company data at risk.

Solution: Cloud computing and more investments in employee training to foster data security.

WEEK-5

1. Conduct warmup activities to Ignite Design Thinking

a. Word search:

Requirements:

- Word search puzzle
- Marker pen, pen or pencil

How to do the activity:

- Mark the given words in the puzzle. In 5 minutes.

Winner: The one who mark the maximum words in 5 minutes.

Engineering Design Process

K	A	D	A	P	O	P	L	I	A	U	G	N	I	M	P	W
F	S	S	E	C	O	R	P	L	X	S	N	C	M	R	P	K
T	E	E	P	T	F	O	P	G	V	T	I	I	O	V	D	E
I	V	T	F	N	Z	B	C	A	J	R	R	J	S	R	H	X
T	Y	A	F	B	I	E	A	S	F	U	E	G	E	X	U	M
T	F	E	U	Z	D	L	I	H	G	C	E	A	B	J	B	R
P	M	R	O	O	H	M	M	O	T	T	N	C	L	R	G	O
K	M	C	N	B	I	S	K	W	S	U	I	S	Y	Z	V	T
K	R	F	P	G	C	Z	L	X	K	R	G	E	S	S	S	S
D	T	A	I	E	I	C	F	I	W	E	N	G	I	N	O	N
I	O	O	J	N	R	S	H	Z	P	D	E	N	D	O	L	I
N	H	H	Z	Y	G	S	E	O	D	T	F	E	E	I	V	A
H	G	D	T	J	V	I	E	D	O	W	D	L	N	T	E	R
V	T	X	W	E	R	O	S	V	E	S	C	L	T	U	Z	B
X	H	E	G	R	M	Z	Q	E	E	R	E	A	I	L	E	Z
V	U	R	S	I	S	J	L	C	D	R	S	H	F	O	F	E
V	S	L	N	T	A	T	T	V	Q	V	E	C	Y	S	H	X

Structured Method	Create Project	Challenges Solutions	Persevere Probelms
Solve	Show	Test	Choose
Brainstorm	Identify	Redesign	Process
Design	Engineering		

b. Paper boat and software's:

Requirements:

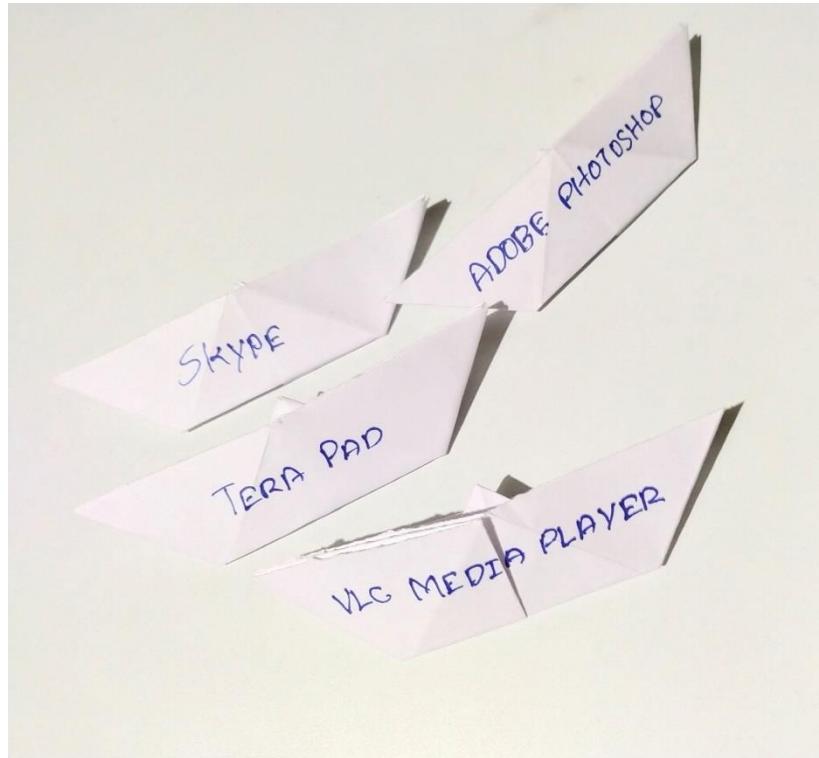
- 3 A4 sheets
- Pen or pencils

How to do the activity:

- Make maximum boats using given papers.
- Write the software names on boats on given time.

Note: Do not write more than one software name on boat. And repeated software names are not considered

Winner: The one who writes maximum number of software names on the boat in 5 minutes.



2. Organize and conduct design thinking exercises and games

1. Find the differences game :

Requirements:

- Two similar images with some differences
- To mark pen, pencil or marker.

How to play the game:

- Find the differences in 60 seconds.
- Mark the differences any one of the image.

Note: if you marked the differences in both images then it will be considered as disqualified.

Winner: The one who finds the maximum differences in given time or finds first.

Find 10 differences.



2. Word build.

Requirements:

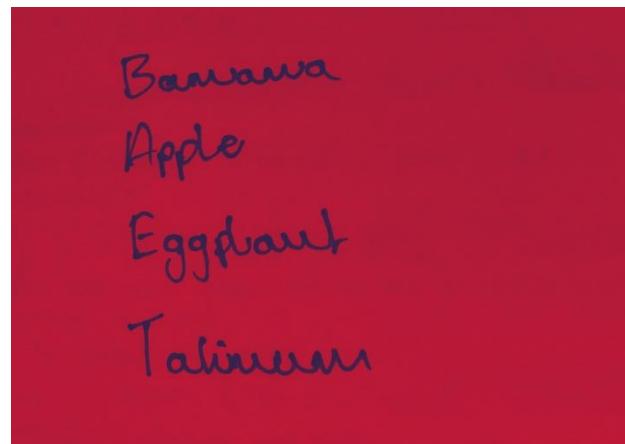
- Two sticky notes.
- Pen or pencil

How to play the game:

- Take the word given by the judge. Using the last letter of that given word you have write the another word within the categories given by judge.
- Write the maximum words as you can write using the rule above mentioned in 2 minutes.

Note: repeated words and words that does not belongs to a given categories are not considered

Winner: The one who writes the maximum words in the given time.



3. Cup and Rubber band game:

Requirements:

- 36 cups (water drinking cups).
- Rubber bands
- 1 A4 sheet.
- One table (or any flat surface which is above from the ground)

How to play the game:

- Build the pyramid using the given cups completely.
 - Make the 3 bullets using the given A4 sheet.
 - Stand 4 meter away from the pyramid.
 - Demolish the pyramid using the paper bullets and rubber band by shooting at the pyramid in 7 minutes.
- References in fig 2

Note:

- Only one person should be shoot at a time
- Using more than 3 paper bullets is prohibited.
- Only cups lying on the ground will be considered.
- Unfinished pyramid is not qualified to demolish.

Winner: one who fells the maximum cups to ground in given time (if more than one team demolishes the complete pyramid in given time then the shortest time taken to demolish the pyramid will be considered as winner)



Fig 1

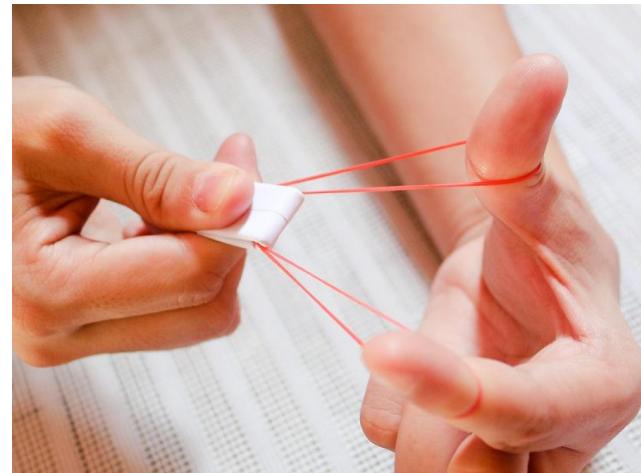


Fig 2

WEEK-6

1. Organize role play for requirement activities

Zomato: Zomato is an Indian multinational restaurant aggregator and food delivery company founded by Deepinder Goyal and Pankaj Chaddah in 2008. Zomato provides information, menus and user-reviews of restaurants as well as food delivery options from partner restaurants in select cities.

Requirements:

- Restaurants.
- Delivery boys.

Application requirements:

- Simple registration using phone number or Gmail.
- Search bar.
- Menu for various restaurants and various dishes.
- Live location tracker.
- Various payment options.
- Delivery time estimation.
- Order tracker.
- Reviews and rates.
- Attractive design.

Role play for Zomato:

Friend 1: Hey bro come let's have a tiffin on MTR.

Friend 2: Sorry! I can't come with you.

Friend 1: why bro.

Friend 2: In MTR there will a lot of people we don't get table so easily.

Friend 1: Don't worry man we can book a table online.

Friend 2: That's great bro, hurry up and book now.

Friend 1: ok I will right now using Zomato app.



India's #1 Food Delivery and Dining App

Log in or sign up

+91 Enter Phone Number

Continue

or



...

By continuing, you agree to our
Terms of Service Privacy Policy Content Policy

8:08 8 Mysore India

Restaurant name or a dish...

Sort Fast Delivery Rating 4.0+ New Arrivals Pure

PLACE YOUR FIRST ORDER & GET
Up to 60% OFF + Free delivery
Order now to avail these benefits
ORDER NOW

Top brands for you

- KFC 30% OFF KFC 29 mins
- McDelivery Freebie McDonald's 26 mins
- Pizza Hut 60% OFF Pizza Hut 29 mins
- EatFit EatFit 50% OFF EatFit 30 mins
- Fasos - Wraps ... Fasos - Wraps 37 mins
- Ovenstory Pizza Ovenstory Pizza 40 mins
- Behrouz Biriyani Behrouz Biriyani 38 mins
- Keventers - Milk... Keventers - Milk... 26 mins

Quick checkout meals

Serves 1 Serves 2

Delivery **Dining** **Offers** **Money**

8:30 McDonald's

Veg Non-Veg

Today's Exclusive Dishes (1)

Recommended (35)

Bestseller McVeggie Burger In Burger & Wraps ₹125 An everyday classic burger with a delectable patty filled with potatoes, carrots and tast...read more 5 stars 593 ADD

Bestseller McSaver American Cheese Supreme - Veg Meal In EZ Delivery Meals ₹269 Enjoy a combo of American Cheese Supreme Veg burger + Fries (M) + Coke on this me...read more 5 stars 64 ADD customizable

Bestseller McVeggie + McAlloo Tikki Burger In Sharing Combos ₹125 Savings of upto Rs. 20! on a combo of 1 McVeggie Burger + 1 McAlloo Tikki Burger. 5 stars 319 Browse Menu ADD customizable

8:35 8

Restaurant name or a dish...

Sort Fast Delivery Rating 4.0+ New Arrivals Pure

PLACE YOUR FIRST ORDER & GET
Up to 60% OFF + Free delivery
Order now to avail these benefits
ORDER NOW

Top brands for you

Sort by

- Relevance
- Rating: High To Low
- Delivery Time: Low To High
- Delivery Time & Relevance
- Cost: Low To High
- Cost: High To Low

Clear All **Apply**

8:51 8

Manoj manoj86604@gmail.com

View activity

Likes Notifications Settings Payments

Your rating

Food Orders

- Your orders
- Favorite orders
- Address book
- Online ordering help
- Zomato Pro

Table Bookings

- Your bookings
- Table booking help

8:49 8

Choose delivery location

Your order will be delivered here Move pin to your exact location

Map showing delivery location in Mysore, India.

Use current location

Mysore India

Confirm location

2. Identify a problem and prepare requirement document or Epics and user stories:

➤ Problems faced by Zomato application:

- **Inconsistent Food Quality:**

It becomes highly challenging for the delivery partners to deliver the food with the extreme quality at the doorsteps far away from the place it is being prepared.

- **Compatibility Problems with Certain Devices:**

The idea of application should be equal for all devices. In which are easy to download on one and refuse on the other version. An essential factor for the companies is to make sure that working efficiency is acceptable. Also, they are compatible with android and iOS (operating system) both. If any app lacks this, it might face major problems in getting successful. To avoid this in the long term. The size resolution, dimensions, and pixels should be taken care of for each application.

- **Selecting Out-dated Technology:**

Developing the right and valuable app can be challenging at times. The worst decision is to go for the old development technology. It is mandatory to make sure that the application is working fine with the other devices at any cost. There are thousands of mobile applications working at higher frequency levels. Match the efficiency with those to get the best results. Develop applications that are unique, able to function everywhere, and give good performance.

- **Appointing Inappropriate Developers in Team:**

Just like, some of one in team cannot function properly with the right rules. This has the same meaning when it comes to recruiting developers. The employee or company answer must be familiar with the technologies.

Epic: Zomato

User Story:

1. Log in to the application.

Task:

- Sign up into the application if you don't have an account
- Sign in if you already have an account
- Sign in or Log in using Phone number or Gmail account

2. Order place in.

Task:

- Placing order whether a home delivery or dine in.
- Adding selected food to cart.

3. Menus

Task:

- The menu should contain various options.
- It must have categorized menu.

4. Location tracking

Task:

- Delivery boy should trace the customer current address.
- The customer will check whether the delivery boy is near to our address.
- Both, delivery boy and customer can track the location.

5. Payment

Task:

- Customer can pay using online payment.
- Customer can pay cash on delivery.

6. Ratings and reviews

Task:

- Customer can give their opinion by their wish.
- Whether the food is good and healthy.

7. Profile

Task:

- Here the customer can add profile pic and personnel details to maintain their account.

4. Configure JIRA for the managing the project to solve the identified problem

The screenshot shows the JIRA Software interface for the 'Zomato' project. The left sidebar has 'Issues' selected. The main panel displays the following details:

- Details:** Type: Epic, Priority: Medium, Resolution: Unresolved, Epic Name: Zomato.
- Description:** Zomato.
- Issues in epic:**

Issue ID	Description	Status	Assignee
ZOM-2	Login to the application	DONE	Unassigned
ZOM-5	location tracking	IN PROGRESS	Unassigned
ZOM-3	order placing	DONE	Unassigned
ZOM-4	menus	DONE	Unassigned
ZOM-6	payment	TO DO	Unassigned
ZOM-7	Ratings and reviews	TO DO	Unassigned
ZOM-8	profile	TO DO	Unassigned
ZOM-9	sign up	TO DO	Unassigned
ZOM-10	sign in	TO DO	Unassigned
ZOM-11	Sign in or sign up	TO DO	Unassigned
- Activity:** All, Comments, Work Log, History, Activity. No comments yet.
- People:** Assignee: Unassigned, Reporter: ihaveagirl0@gmail.com, Votes: 0, Watchers: 1 (Stop watching this issue).
- Dates:** Created: 4 days ago 12:37 PM, Updated: 4 days ago 12:51 PM.
- Agile:** Find on a board.

The screenshot shows the JIRA Software interface for the 'Login to the application' issue under the 'Zomato' project. The left sidebar has 'Issues' selected. The main panel displays the following details:

- Details:** Type: Story, Priority: Medium, Resolution: Done, Sprint: Zomato Sprint 1.
- Description:** Login to the application.
- Issue Links:** is blocked by ZOM-9 sign up, ZOM-10 sign in, ZOM-11 Sign in or sign up.
- Activity:** All, Comments, Work Log, History, Activity. No comments yet.
- People:** Assignee: Unassigned, Reporter: ihaveagirl0@gmail.com, Votes: 0, Watchers: 1 (Stop watching this issue).
- Dates:** Created: 4 days ago 12:40 PM, Updated: 27 minutes ago, Resolved: 27 minutes ago.
- Agile:** Active Sprint: Zomato Sprint 1 ends 20/Jul/22.

Jira Software Dashboards Projects Issues Boards Plans Create Search Board Versions EPICS

Zomato Backlog

QUICK FILTERS: Only My Issues Recently Updated

ZOM Sprint 1 6 issues ACTIVE

06/Jul/22 3:08 PM • 25/Jul/22 3:08 PM

- ZOM-2 Login to the application
- ZOM-3 order placing
- ZOM-4 menus
- ZOM-9 sign up
- ZOM-10 sign in
- ZOM-11 Sign in or sign up

Zomato Sprint 2 2 issues

26/Jul/22 3:10 PM • 10/Aug/22 3:10 PM

- ZOM-5 location tracking
- ZOM-6 payment

+ Create issue

Start sprint

2 issues Estimate 0

Zomato Sprint 3 2 issues

11/Aug/22 3:10 PM • 31/Aug/22 3:10 PM

- ZOM-7 Ratings and reviews
- ZOM-8 profile

+ Create issue

2 issues Estimate 0

localhost:8003/secure/RapidBoard.jspa?rapidView=33&projectKey=ZOM&selectedIssue=ZOM-3 Jira Software Dashboards Projects Issues Boards Plans Create Search Board Versions EPICs

ZOM Sprint 1

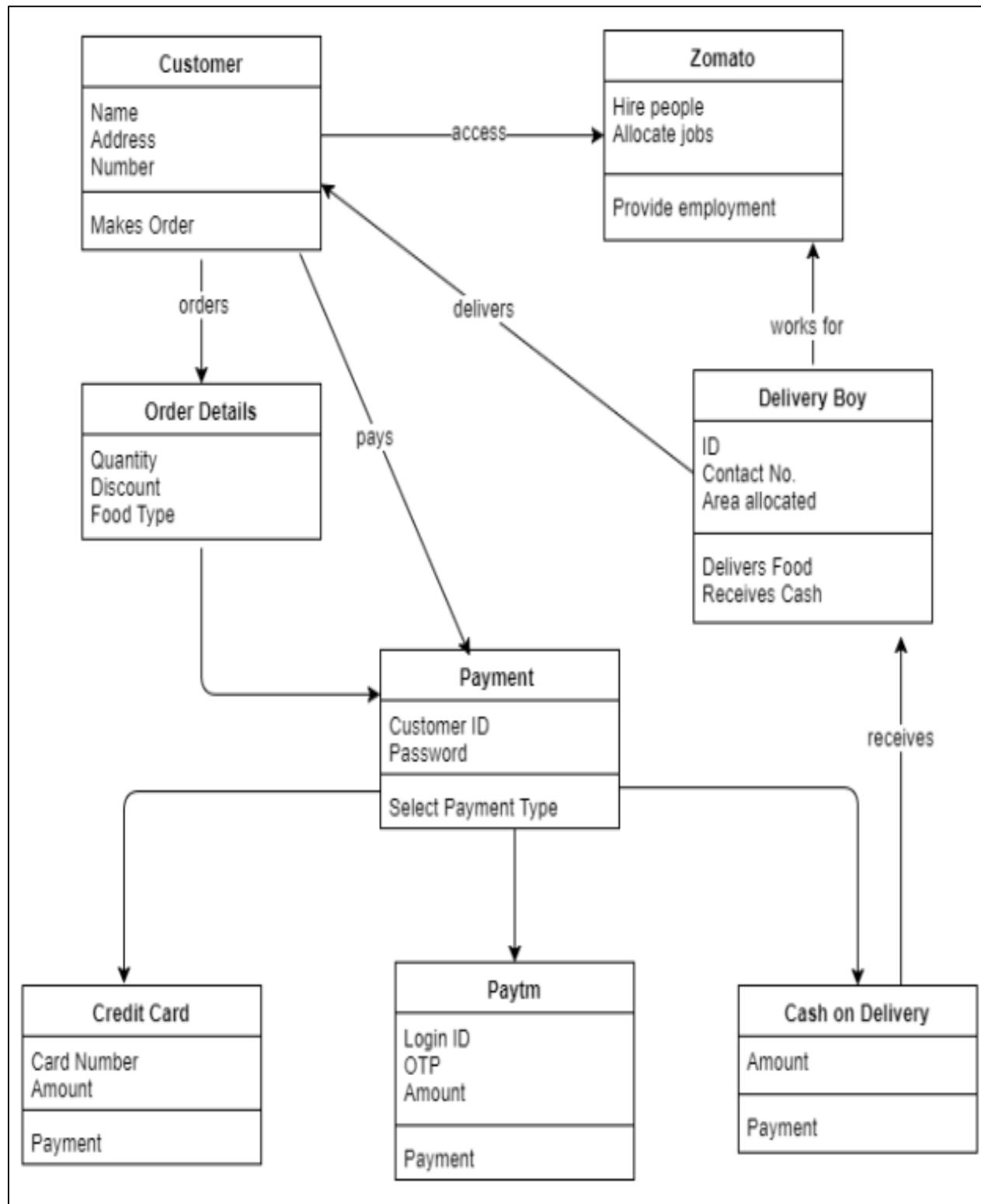
QUICK FILTERS: Only My Issues Recently Updated

12 days remaining Complete sprint Board

TO DO	IN PROGRESS	DONE
ZOM-4 menus <input checked="" type="checkbox"/> Zomato	ZOM-3 order placing <input checked="" type="checkbox"/> Zomato	ZOM-2 Login to the application <input checked="" type="checkbox"/> Zomato
		ZOM-9 sign up <input checked="" type="checkbox"/> Zomato
		ZOM-10 sign in <input checked="" type="checkbox"/> Zomato
		ZOM-11 Sign in or sign up <input checked="" type="checkbox"/> Zomato

4. Draw UML diagram for given use case

UML diagram for Zomato application:



WEEK- 7

1. Create detailed user stories for the above identified problem:

Epic: Zomato

User Stories 1: Inconsistent food quality.

- The food was may be too cold
- The food quantity is too low
- The undocumented ingredients

User stories 2: Compatibility Problems with Certain Devices

- If the user doesn't not have certain application
- The companies is not make sure that working efficiency is acceptable

User Stories 3: Selecting out dated technology.

- Using the old version of the technology
- It is the main reason for bad performance
- It will slow down your software

User story 4: Appointing inappropriate developers in team

- That the developer does not have familiar about the technology
- The developer does not have capability to maintain the advanced technology

2. Organize and play planning poker to decide on user points.

Planning Poker is a teambuilding activity for achieving group consensus.it is used by agile software development teams to estimate how long a certain amount of work will take to complete.

Planning poker on user story:

Estimators	User process time (points)
Log in	1
Search item	2
View and select item	2
Add to cart	3
Ordering the item	2
Make payment	5
Review	1

Reasons for those above user points on estimation:

- **Log in:** A log in process has 1 user points because, it is easy process to log in the application
- **Search item:** In this process it has 2 user points because it is easy to search the items in the search bar
- **View and select items:** it has 2 user points because we can view the food and easily place the order
- **Add to cart:** We have given 3 user points because when we select the items it will be easily added to the cart
- **Ordering the item:** It has 2 user points because we can easily order the item , that have been already added to the cart
- **Make Payment:** It has 5 user points because sometime the online payment will not work properly.
- **Review:** It has 1 user points because sometime it is good and sometime it is bad.

WEEK-8

1. Create Sitemap and Wireframe for above create user stories

Figma: Figma is a powerful design tool that helps you to create anything: websites, applications, logos, and much more. By learning to use Figma, you'll take your first steps into User Interface Design and User Experience Design



Steps to design:

- Go to browser and search Figma tool.
- Login to the tool through your Gmail account.
- Click on new design file.
- Select the frame tool and select the suitable frame.
- Then start designing the each page of the application for both Desktop website and Mobile application.

For Desktop website



Order Online

Stay home and order to your doorstep



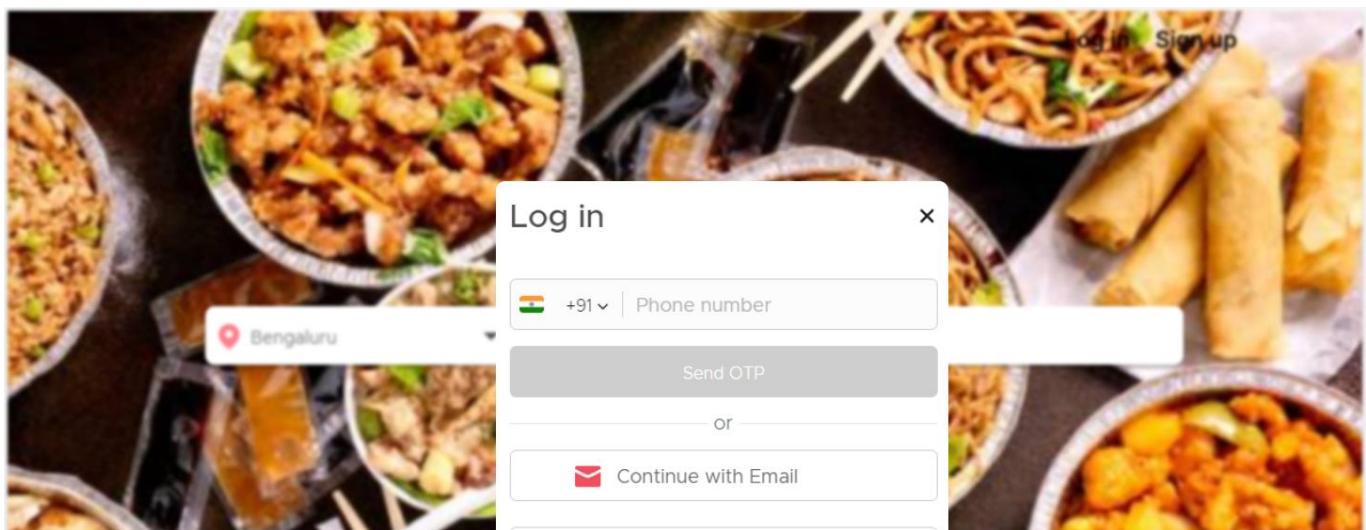
Dining Out

View the city's favourite dining venues



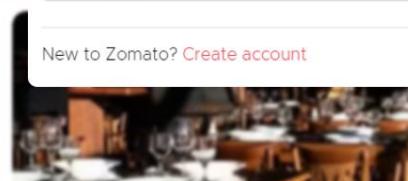
Nightlife and Clubs

Explore the city's top nightlife outlets



Order Online

Stay home and order to your doorstep



Dining Out

View the city's favourite dining venues



Nightlife and Clubs

Explore the city's top nightlife outlets



Bengaluru

Search for restaurant, cuisine or a dish



Manoj

Home / India / Bengaluru / Pizza Restaurants



Delivery



Dining Out



Nightlife

1 Filters

Pizza X

↑ Delivery Time

Rating: 4.0+

Pure Veg

More filters ▾

Pizza Delivery Restaurants in Bengaluru



The GreedyMan Pizzeria

Pizza

4.0 *

₹350 for one

525+ orders placed from here recently



La Pino'z Pizza

Pizza, Italian

4.0 *

₹350 for one

MAX SAFETY DELIVERY Follows all Max Safety measures to ensure your food is safe



Raffaele's Ristorante Pizzeria

Pizza, Italian, Beverages

4.1 *

₹350 for one

1850+ orders placed from here recently

MAX SAFETY DELIVERY

The GreedyMan Pizzeria

Pizza

Indiranagar, Bangalore

0 Dining Reviews

4.0 * 354 Delivery Reviews

Overview

Order Online

Reviews

Photos

Menu

Best in Pizza (7)

Recommended (6)

Appetisers (4)

Pizza (7)

Drinks (Beverages) (4)

Order Online

Live track your order | 48 min

60% OFF up to ₹120
use code HUNGRYFlat ₹40 OFF
use code SIMPLNEWFlat ₹125 OFF
use code ICICINB veg only contains egg

Search within menu

Best in Pizza



Veg Roasted Garlic Pizza

★★★★★ 10 votes

₹350

Tomato sauce, mozzarella, cheddar, oven roasted garlic, fresh garlic, olives, sun-dried tomatoes, ... [read more](#)

Veg Diavola Pizza

★★★★★ 14 votes

₹350

Tomato sauce, mozzarella, cheddar, red onions, jalapeños, chilies, sun-dried tomatoes, garlic, house made ... [read more](#)Online ordering is
only supported on
the mobile app

Download the App



For Mobile Applications:



India's Food Delivery App

-----Log in or sign up-----

+91 Enter Phone Number

Continue

-----Or-----

...

Mysore

Sort
Fast Delivery
Rating 4.0+
New Arrivals

Place your first order & get
Up to 60% off + free delivery
Order now to avail these benefits

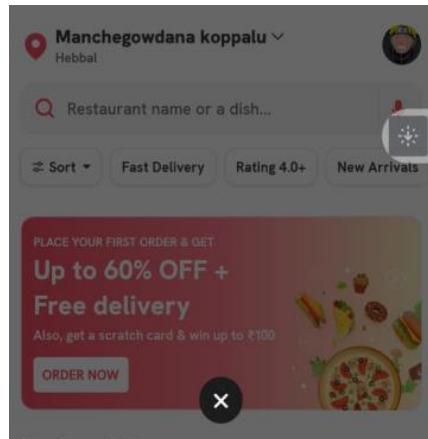
ORDER NOW

DEALS UP TO
30% OFF

Best Eat Enjoy & Get Extra 30% off when you order online exclusively on KFC App

McDelivery

Pizza Hut
60% OFF



Sort by

Relevance

Rating: High To Low

Delivery Time: Low To High

Delivery Time & Relevance

Cost: Low To High

Cost: High To Low

Clear All **Apply**

Hyderabad Biryani House 3.9★ 14.2K Reviews

Andhra, North Indian, Biryani
Vijay Nagar, Mysore

SAFE DELIVERY [Know more](#)

17 mins

₹30 Paytm cashback use code ZOMPAYTM **Flat ₹40 OFF** use code SIMPLNEW

Veg Non-Veg

Best in Biryani (9)

Special Family Pack Biryani In Biryani ₹550 ★★★★★ 81 Serves 2 ADD

Chicken Family Pack Biryani In Biryani ₹530 ★★★★★ 195 Serves 2 ADD

Mutton Fry Piece Biryani In Biryani ₹250 Browse Menu

Choose delivery location

Your order will be delivered here
Move pin to your exact location

Google Use current location

Manchengowdana koppalu Hebbal CHANGE

Enter complete address

Turture
kavyaachar77@gmail.com



[View activity >](#)

Likes Notifications Settings Payments

Your rating

Food Orders

- Your orders
- Favorite orders
- Address book
- Online ordering help

Zomato Pro

Table Bookings

- Your bookings
- Table booking help

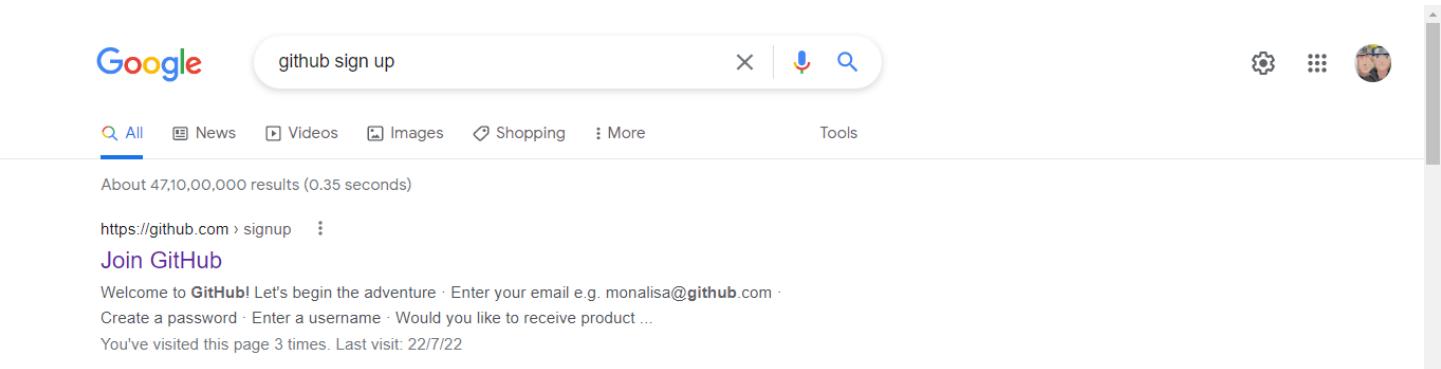
WEEK-9

1. Create GIT (similar tool) account and configure repository

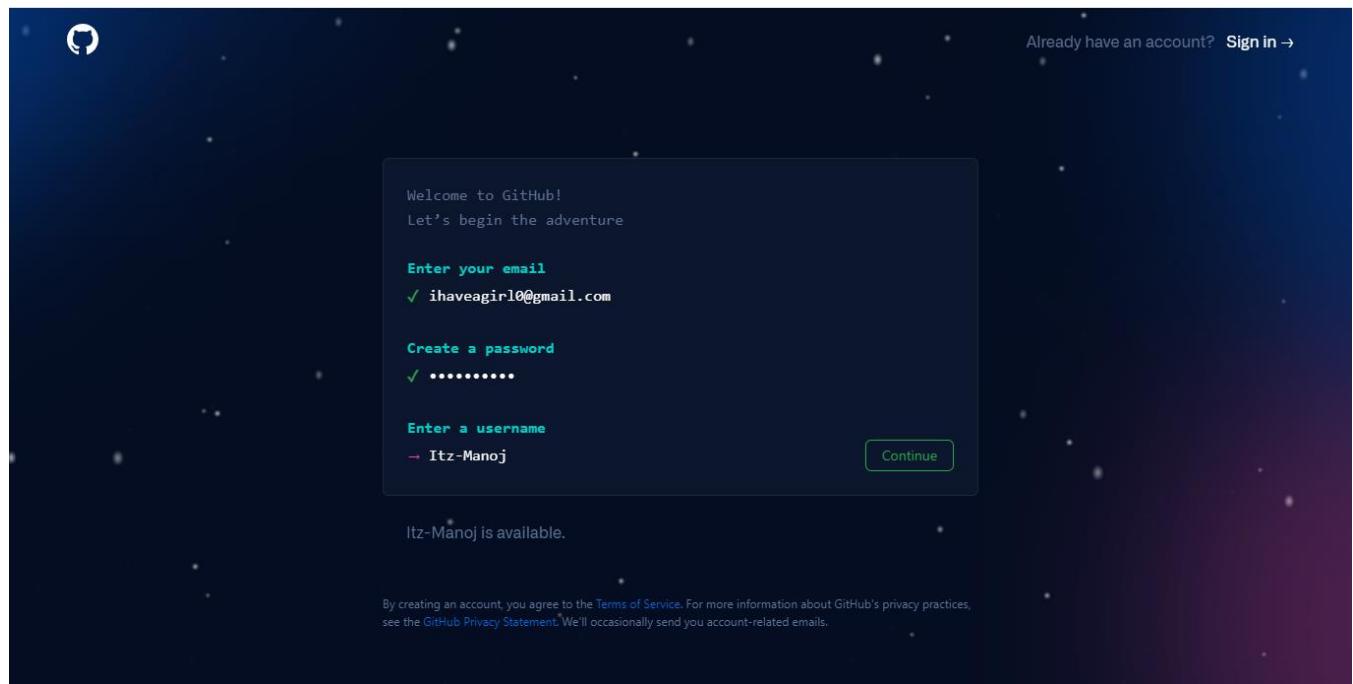
GIT Hub

GitHub, Inc. is a provider of Internet hosting for software development and version control using Git. It offers the distributed version control and source code management (SCM) functionality of Git, plus its own features. It provides access control and several collaboration features such as bug tracking, feature requests, task management, continuous integration, and wikis for every project.

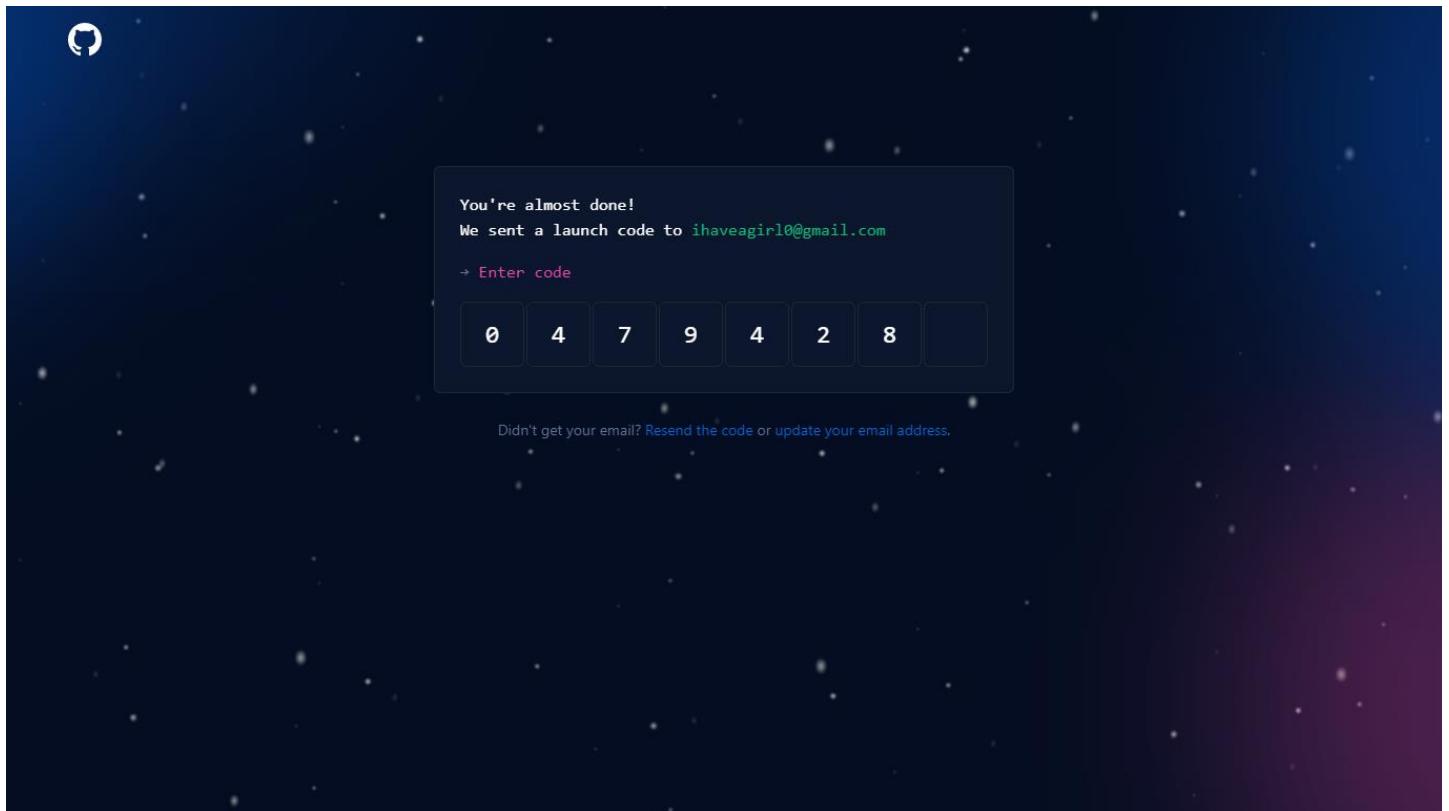
Step 1: Go to chrome browser search “GitHub sign-up” and click on the first result.



Step 2: Now fill the essential details and create new GitHub account.



Step 3: Enter the launch code. It will take you the GitHub Home page of your account.



Step 4: Now click on create New repository. (Select any one)

Create your first project
Ready to start building? Create a repository for a new idea or bring over an existing repository to keep contributing to it.

[Create repository](#) [Import repository](#)

Recent activity
When you take actions across GitHub, we'll provide links to that activity here.

The home for all developers — including you.

Welcome to your personal dashboard, where you can find an introduction to how GitHub works, tools to help you build software, and help merging your first lines of code.

Start writing code

- [Start a new repository](#) [Create a new repository](#)
- [Create your profile README](#) [Create a README](#)
- [Contribute to an existing repository](#) [Find repos that need your help >](#)

Use tools of the trade

- [Write code in your web browser](#) [Use the `github.dev` web-based editor from your repository or pull request to create](#)
- [Install a powerful code editor](#) [Visual Studio Code](#) is a multi-platform code editor optimized for building and
- [Set up your local dev environment](#) After you set up Git, simplify your dev workflow with [GitHub Desktop](#), or bring GitHub to the

Our response to the war in Ukraine
GitHub is united with the people of Ukraine and the international community.
[Read more](#)

Latest changes

- 19 hours ago GitHub Actions The macOS 10.15 Actions runner image is being deprecated and...
- 2 days ago Differentiating triggering actor from executing actor
- 3 days ago Code scanning enterprise-level REST API
- 6 days ago Dependabot alerts are now ranked by most important priority

[View changelog →](#)

Step 5: Give a name to the repository and select the visibility of your repository (give the content to description if you would like). Scroll down and click on create repository.

Create a new repository

A repository contains all project files, including the revision history. Already have a project repository elsewhere? Import a repository.

Owner * Itz-Manoj / Repository name * Zomato

Great repository names are short and memorable. Need inspiration? How about [laughing-octo-eureka?](#)

Description (optional) Online Food Delivery Application

Public Anyone on the internet can see this repository. You choose who can commit.
 Private You choose who can see and commit to this repository.

Initialize this repository with:
Skip this step if you're importing an existing repository.

Add a README file This is where you can write a long description for your project. [Learn more.](#)

Add .gitignore
Choose which files not to track from a list of templates. [Learn more.](#)

.gitignore template: None ▾

Choose a license
A license tells others what they can and can't do with your code. [Learn more.](#)

License: None ▾

This will set main as the default branch. Change the default name in your [settings](#).

ⓘ You are creating a public repository in your personal account.

Create repository

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Step 6: Click on add file and select create new file.

The screenshot shows a GitHub repository for 'Itz-Manoj / Zomato'. The 'Code' tab is active. In the top right, there's a 'Code' dropdown with a red box around the 'Add file' option. A dropdown menu is open, showing 'Create new file' and 'Upload files'.

Step 7: Give the name for your file or if you want to create the directory enter the name followed by backward slash ' / '. Scroll down and click on commit new file.

The screenshot shows the 'Edit new file' interface for the 'Sunday special Menu' file. The path 'Zomato / Zomato / Sunday special Menu' is visible in the top bar. The 'Commit new file' dialog box is open, containing fields for a commit message ('Create Sunday special Menu') and an optional description. At the bottom, there are two radio button options: one selected for committing to the 'main' branch, and another for creating a new branch. The 'Commit new file' button is highlighted with a red box.

Step 8: Now click on the edit symbol and add the code of any message that you wish to update and scroll down and commit the changes

Itz-Manoj / Zomato (Public)

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

main · Zomato / Zomato / Sunday special Menu

Itz-Manoj Create Sunday special Menu · Latest commit fc46b81 in 1 minute · History

1 contributor

0 lines (0 sloc) | 1 Byte

Raw Blame **Edit**

1

© 2022 GitHub, Inc. Terms Privacy Security Status Docs Contact GitHub Pricing API Training Blog About

Itz-Manoj / Zomato (Public)

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

Zomato / Zomato / Sunday special Menu in main

Cancel changes

Edit file Preview changes Spaces 2 No wrap

```
1 Mysore masala dosa
2 Tomato bath
3 Idli vade
4 Rava Idli
5 Benne Masala
6
```

Commit new file

Create Sunday special Menu

Add an optional extended description...

Commit directly to the `main` branch.

Create a new branch for this commit and start a pull request. Learn more about pull requests.

Commit new file Cancel

2. Upload artifacts created to GitHub learn version control and configure management with GitHub.

Step 1: To learn version control click on the create a new release.

The screenshot shows a GitHub repository page for 'Itz-Manoj / Zomato'. The 'Code' tab is selected. The repository is public. In the code area, there is a file named 'README.md' with the content 'Zomato' and 'Online Food Delivery Application'. On the right side, under the 'About' section, there is a 'Releases' section which is currently empty and highlighted with a red box. A link 'Create a new release' is visible.

Step 2: Click on choose tag and name the version. Click on Create new tag

The screenshot shows the same GitHub repository page for 'Itz-Manoj / Zomato', but now the 'Tags' tab is selected. The 'Choose a tag' dropdown is open, showing 'v1.0' selected. A red box highlights the 'Choose a tag' dropdown and the 'v1.0' input field. Below it, a button '+ Create new tag: v1.0 on publish' is also highlighted with a red box. The right sidebar contains sections for 'Tagging suggestions' and 'Semantic versioning'.

Step 3: Name the version and write description if you would like. Scroll down and click on publish release.

The screenshot shows the GitHub Releases page for a repository named "Itz-Manoj / Zomato". The "Releases" tab is selected. A new release is being created with the tag "v1.0" and target branch "main". The title "The First Release" and the description "This is the first version of Zomato application" are filled in. The "Publish release" button is highlighted with a red box.

Tagging suggestions
It's common practice to prefix your version names with the letter v. Some good tag names might be v1.0.0 or v2.3.4.

If the tag isn't meant for production use, add a pre-release version after the version name. Some good pre-release versions might be v0.2.0-alpha OR v5.9-beta.3.

Semantic versioning
If you're new to releasing software, we highly recommend reading about semantic versioning.

Now you can see that the version was released

The screenshot shows the released version "v1.0" for the "The First Release". It displays the release note "This is the first version of Zomato application" and two assets: "Source code (zip)" and "Source code (tar.gz)". Both assets were uploaded 2 minutes ago.

To add the collaborators to project.

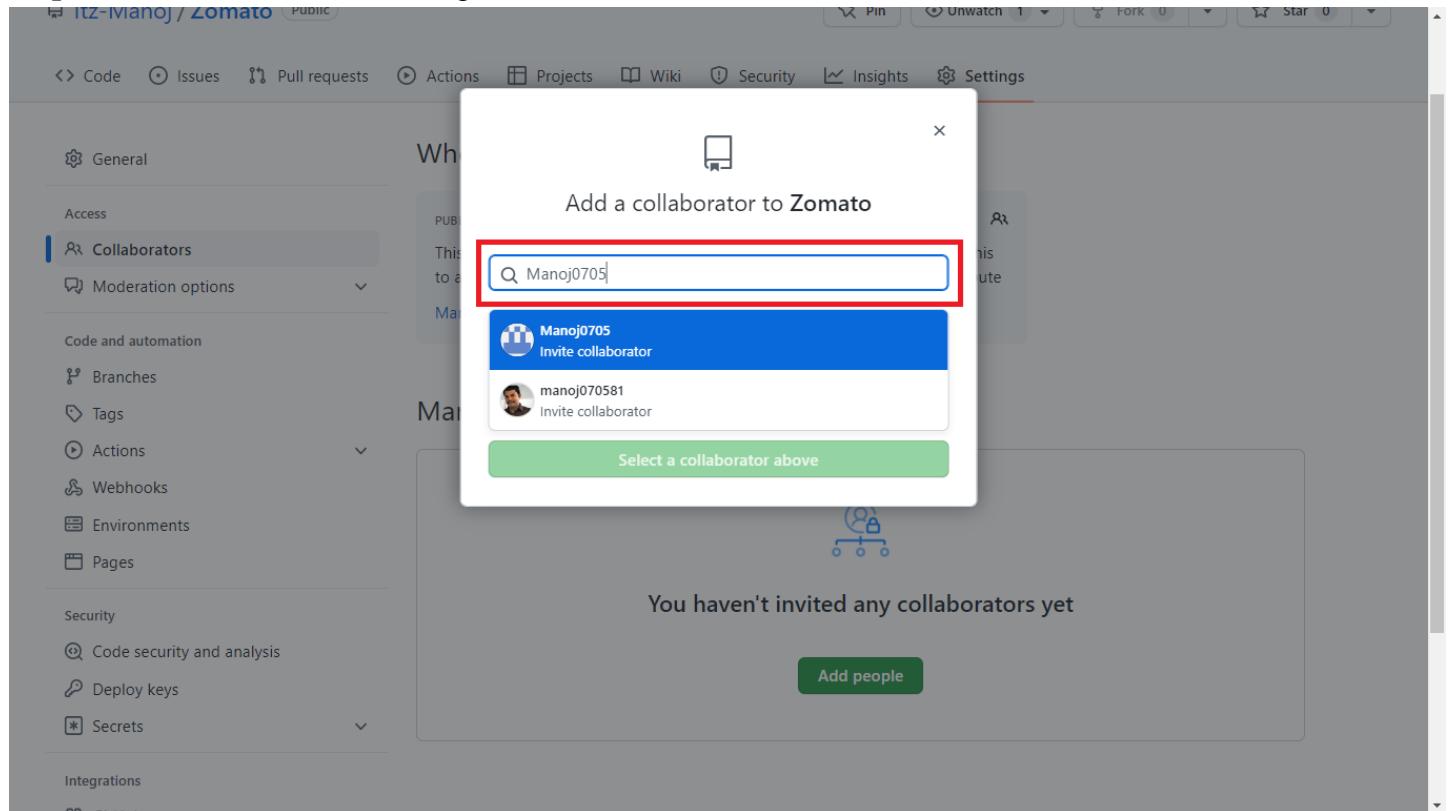
Step 1: Go to home page and click on settings

The screenshot shows a GitHub repository page for 'Itz-Manoj / Zomato'. The 'Settings' tab is highlighted with a red box. The page displays a list of commits, a README.md file, and various repository statistics like releases and packages.

Step 2: Click on collaborators scroll down and click on add people.

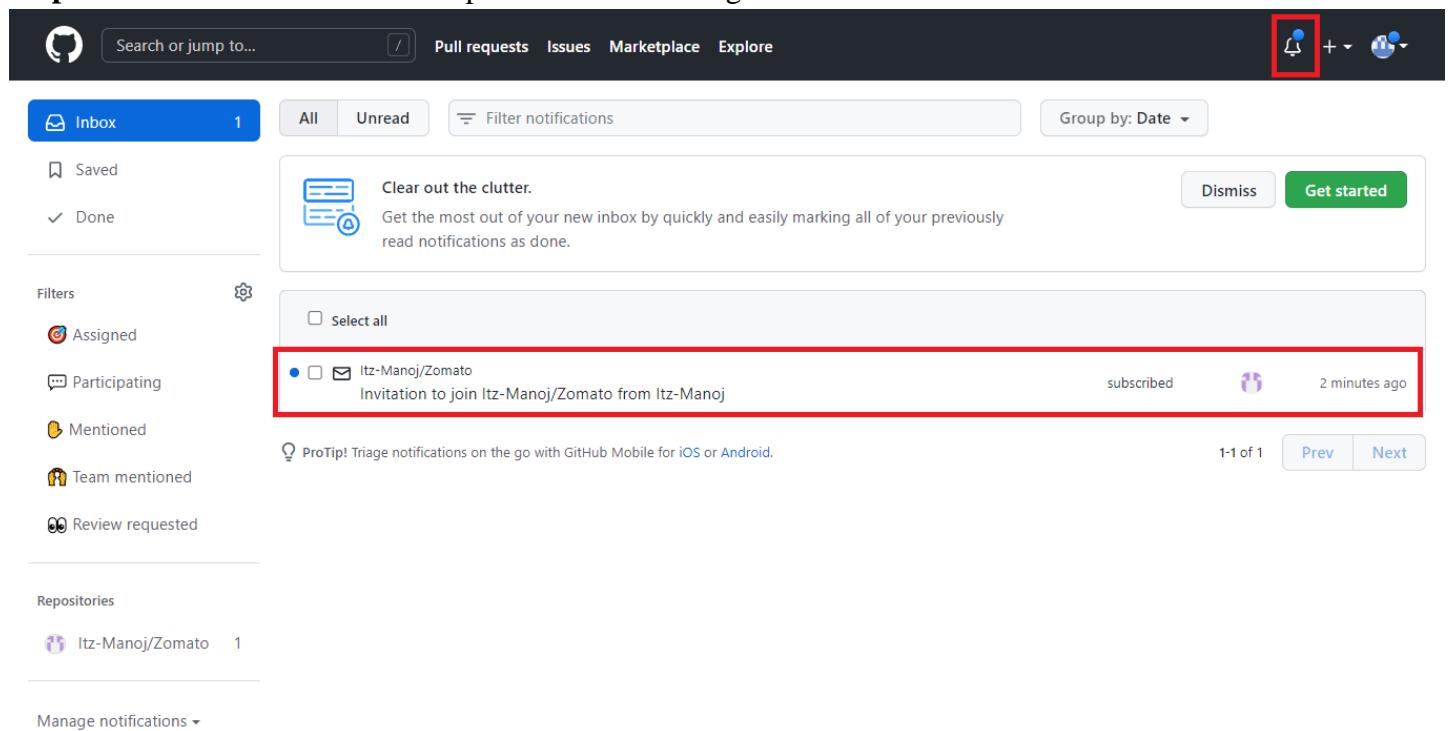
The screenshot shows the 'Collaborators' section in the GitHub repository settings. The 'Access' dropdown is set to 'Collaborators', which is highlighted with a red box. The 'Manage access' section shows a message: 'You haven't invited any collaborators yet' with a red box around the 'Add people' button.

Step 3: invite the collaborator using their GitHub Username. And click on add

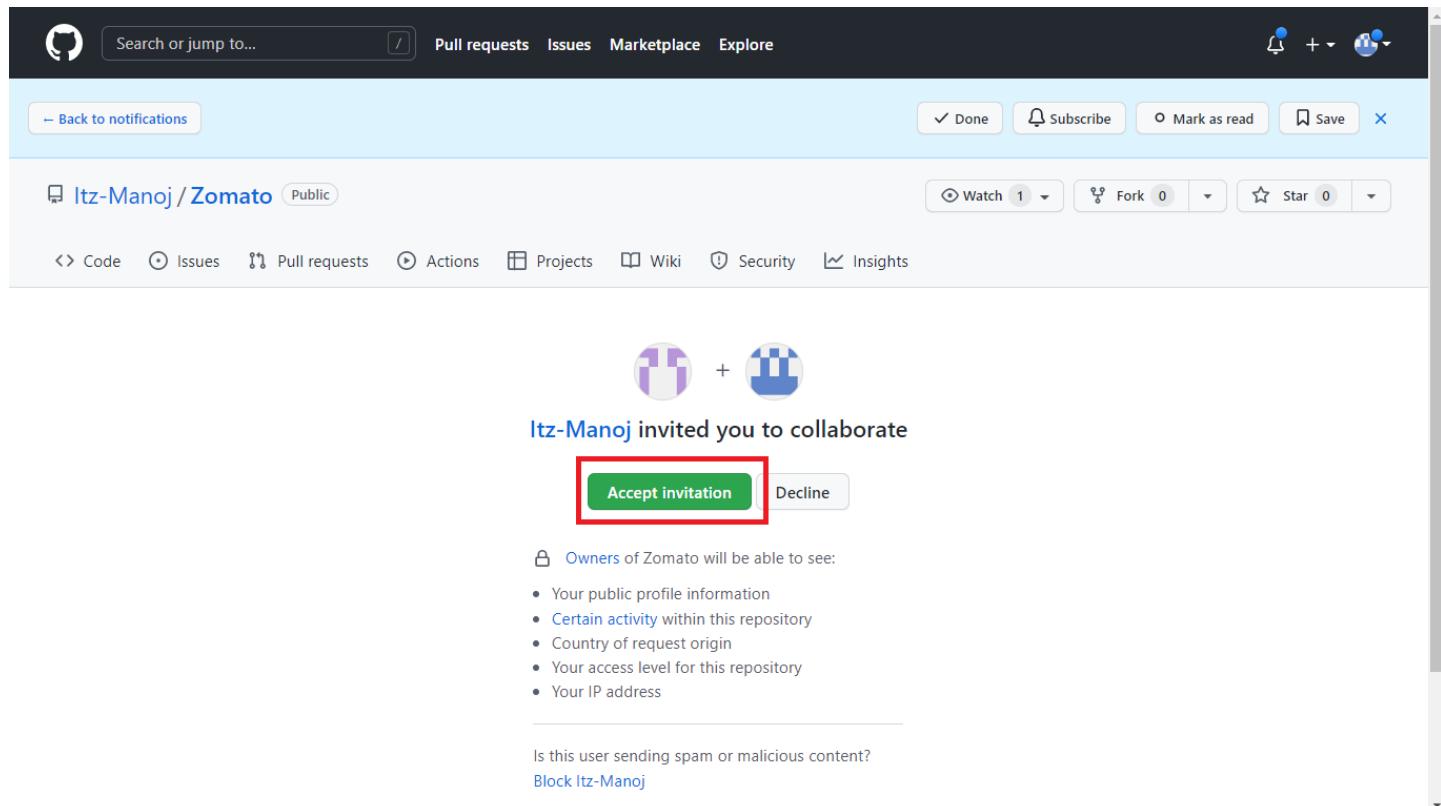


Accepting the invite

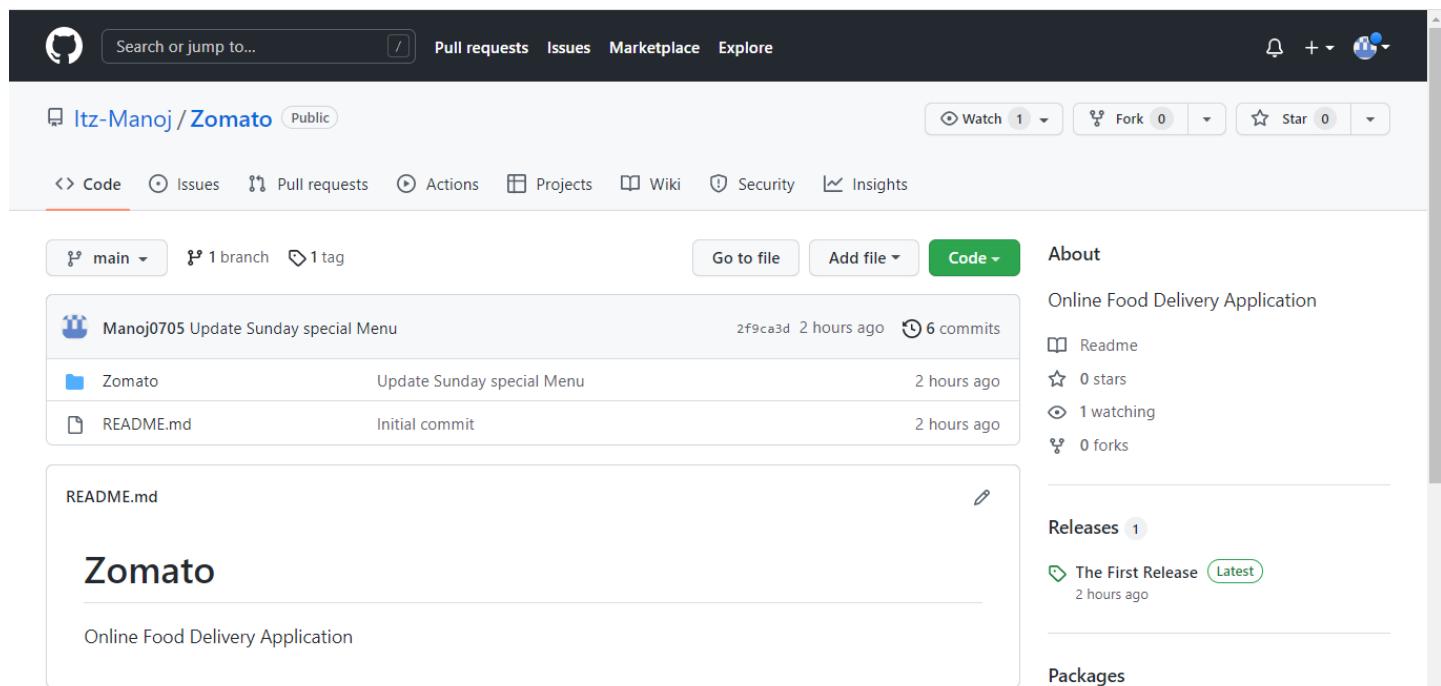
Step 1: Click on the bell icon and open the invite message.



Step 2: Click on Accept invitation and it will take you to the project.



The screenshot shows a GitHub repository page for 'Itz-Manoj / Zomato'. At the top, there's a notification from 'Itz-Manoj' inviting the user to collaborate. Below the notification, there are two buttons: 'Accept invitation' (highlighted with a red box) and 'Decline'. A note below the buttons states: 'Owners of Zomato will be able to see: Your public profile information, Certain activity within this repository, Country of request origin, Your access level for this repository, Your IP address'. There's also a link to 'Block Itz-Manoj' if the user finds the user sending spam or malicious content.



The screenshot shows the main code page of the 'Itz-Manoj / Zomato' repository. The 'Code' tab is selected. The repository has 1 branch and 1 tag. Recent commits include 'Manoj0705 Update Sunday special Menu' (2 hours ago, 6 commits) and 'Zomato Update Sunday special Menu' (2 hours ago). The README.md file contains the text 'Zomato Online Food Delivery Application'. On the right side of the page, there are sections for 'About', 'Releases', and 'Packages'. The 'About' section describes the repository as an 'Online Food Delivery Application' with 0 stars, 1 watching, and 0 forks. The 'Releases' section shows 'The First Release' (Latest, 2 hours ago). The 'Packages' section indicates 'No packages published' with a link to 'Publish your first package'.

WEEK-10

1. Install and configure Jenkins

Step 1: To install Jenkins latest version we need Java 11. To check whether your system have java check java version on command prompt by executing java –version command. If we have java pre-installed in your system then we can install Jenkins directly.

```
C:\Windows\system32\cmd.exe
Microsoft Windows [Version 10.0.18363.476]
(c) 2019 Microsoft Corporation. All rights reserved.

C:\Users\user>java -version
java version "11.0.15" 2022-04-19 LTS
Java(TM) SE Runtime Environment 18.9 (build 11.0.15+8-LTS-149)
Java HotSpot(TM) 64-Bit Server VM 18.9 (build 11.0.15+8-LTS-149, mixed mode)

C:\Users\user>_
```

Step 2: If you does not have the Java 11 follow the next steps to install and configure java 11. Open any browser and search java 11 download

Google search results for "java 11 download":

- Java Downloads - Oracle**
Download the Java including the latest version 17 LTS on the Java SE Platform. These downloads can be used for ... Java 8; Java 11. Java 8. Java 8; Java 11 ...
[Java SE 11 Archive Downloads · Java Archive · Documentation Download](https://www.oracle.com/java/technologies/javase/jdk17-downloads.html)
- Java Archive Downloads - Java SE 11 | Oracle India**
Java SE 11 Archive Downloads. Go to the Oracle Java Archive page.
<https://www.oracle.com/java/technologies/javase/jdk11-archive-downloads.html>
- Java SE JDK 11.0.15.1 Download - TechSpot**
22-Jun-2022 — Download Java JDK - Java Platform, Standard Edition (Java SE) lets you develop and ... Complete release notes for Java 11 can be found here.
★★★★★ Rating: 4.3 · 404 votes

People also ask :

- How can I download Java 11?
- How do I download Java 11 on Windows?

Step 3: Select the version which is compatible to your operating system.

ORACLE Products Industries Resources Customers Partners Developers Events View Accounts Contact Sales

ARM 64 Compressed Archive	157.14 MB	jdk-11.0.15.1_linux-aarch64_bin.tar.gz
x64 Debian Package	138.35 MB	jdk-11.0.15.1_linux-x64_bin.deb
x64 RPM Package	144.54 MB	jdk-11.0.15.1_linux-x64_bin.rpm
x64 Compressed Archive	161.01 MB	jdk-11.0.15.1_linux-x64_bin.tar.gz
x64 DMG Installer	154.91 MB	jdk-11.0.15.1_osx-x64_bin.dmg
x64 Compressed Archive	155.44 MB	jdk-11.0.15.1_osx-x64_bin.tar.gz
SPARC Compressed Archive	184.62 MB	jdk-11.0.15.1_solaris-sparcv9_bin.tar.gz
x64 Installer	140.41 MB	jdk-11.0.15.1_windows-x64_bin.exe
x64 Compressed Archive	158.1 MB	jdk-11.0.15.1_windows-x64_bin.zip

Java SE Development Kit 11.0.15
This software is licensed under the Oracle Technology Network License Agreement for Oracle Java SE

Step 4: Accept the agreement and click on download. And run the setup file.

ORACLE Products Industries Resources Customers Partners Developers Events View Accounts Contact Sales

ARM 64 Compressed Archive	157.14 MB	jdk-11.0.15.1_linux-aarch64_bin.tar.gz
x64 Debian Package	138.35 MB	jdk-11.0.15.1_linux-x64_bin.deb
x64 RPM Package	144.54 MB	jdk-11.0.15.1_linux-x64_bin.rpm
x64 Compressed Archive		
x64 DMG Installer		
x64 Compressed Archive		
SPARC Compressed Archive		
x64 Installer	140.41 MB	jdk-11.0.15.1_windows-x64_bin.exe
x64 Compressed Archive	158.1 MB	jdk-11.0.15.1_windows-x64_bin.zip

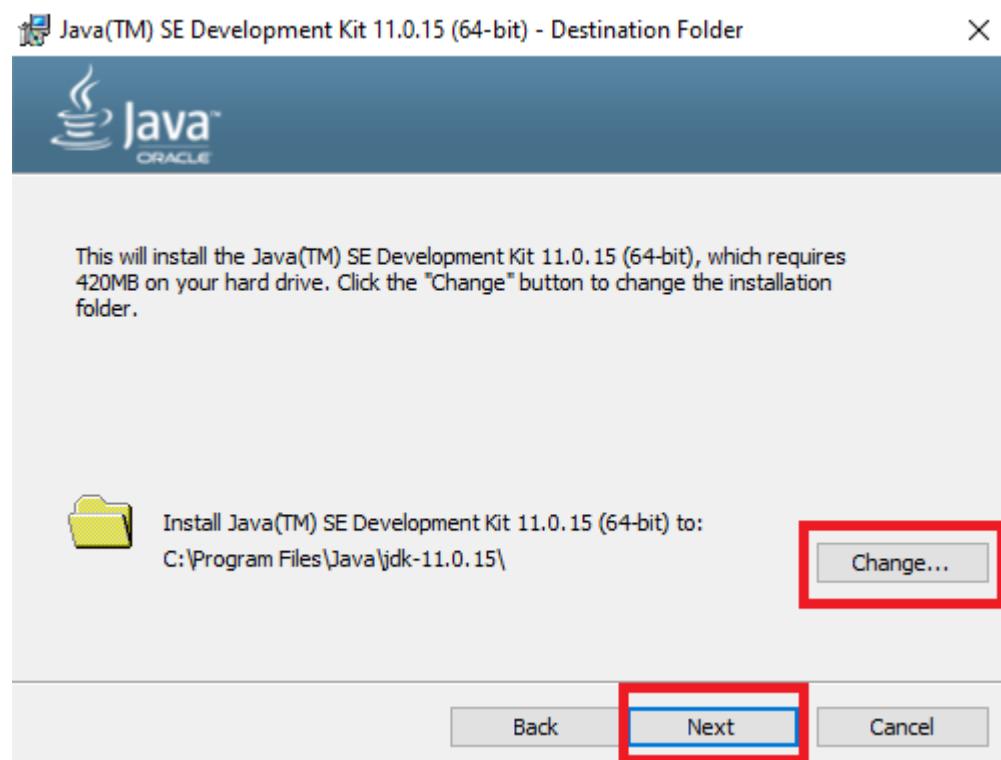
You must accept the Oracle Technology Network License Agreement for Oracle Java SE to download this software.

I reviewed and accept the Oracle Technology Network License Agreement for Oracle Java SE
Required

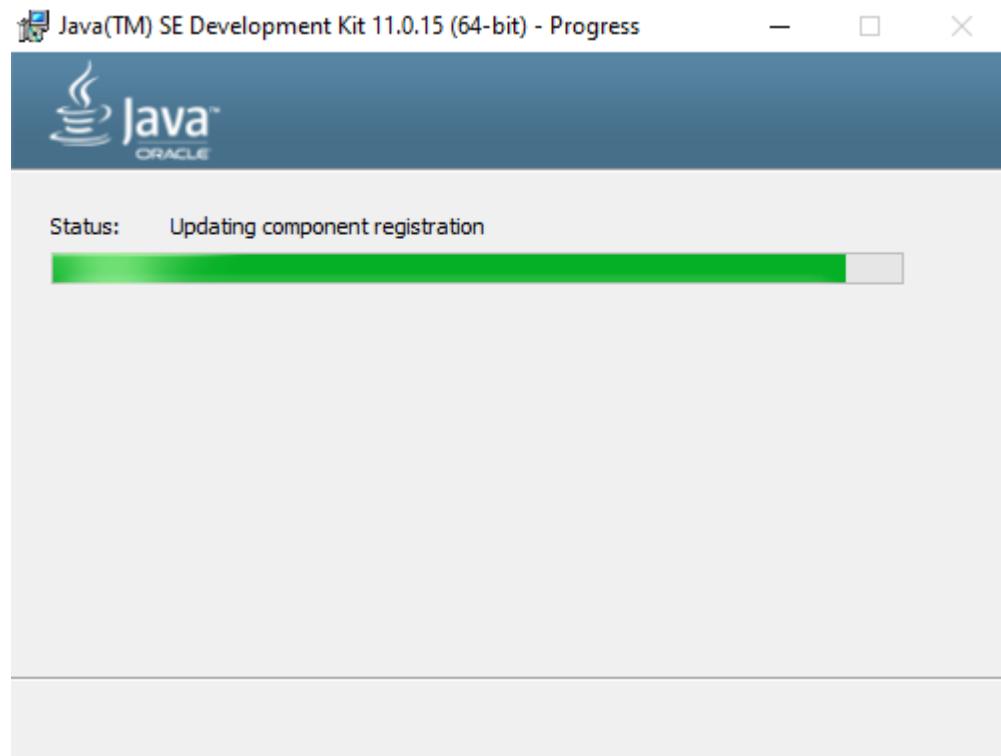
You will be redirected to the login screen in order to download the file.

[Download jdk-11.0.15.1_windows-x64_bin.exe](#)

Java SE Development Kit 11.0.15
This software is licensed under the Oracle Technology Network License Agreement for Oracle Java SE

Step 5: Click on next.**Step 6:** Change path if you want or click on next

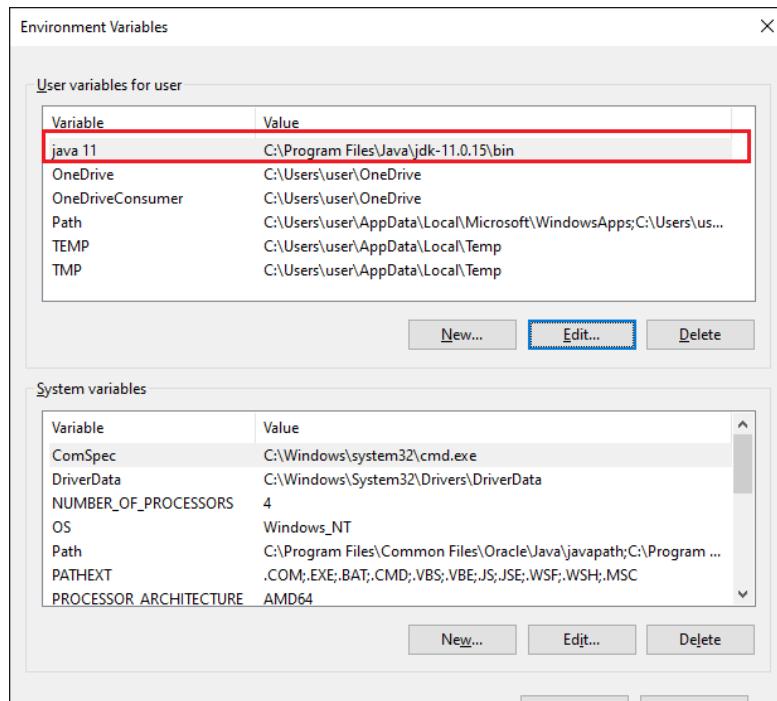
Step 7: Wait until installation is complete.



Step 8: Click on next steps if want tutorials or click on close.



Step 9: Set environmental variable for java 11. Go to java 11 bin location and copy the location and paste it on environmental variable



Installation of Jenkins

Step 1: Go to any browser and search Jenkins download

jenkins download

All Books Videos News Images More Tools

About 12,70,00,000 results (0.37 seconds)

<https://www.jenkins.io > download>

Jenkins download and deployment

Downloading Jenkins. Jenkins is distributed as WAR files, native packages, installers, and Docker images. Follow these installation steps: Before downloading, ...

Jenkins War Packages · LTS Changelog · Changelog · Jenkins Redhat Packages

<https://www.jenkins.io>

Jenkins

The Jenkins project provides a download mirror infrastructure allowing to download Jenkins packages and plugins from a download server close to your ...

Step 2: Download Jenkins LTS version for windows.

Jenkins is distributed as WAR files, native packages, installers, and Docker images. Follow these installation steps:

1. Before downloading, please take a moment to review the [Hardware and Software requirements](#) section of the User Handbook.
2. Select one of the packages below and follow the download instructions.
3. Once a Jenkins package has been downloaded, proceed to the [Installing Jenkins](#) section of the User Handbook.
4. You may also want to verify the package you downloaded. [Learn more about verifying Jenkins downloads.](#)

Download Jenkins 2.346.2 LTS for:		Download Jenkins 2.360 for:	
Generic Java package (.war)	SHA-256: e4cd45dbea6a5c755ed94fb692ce67608628aaadf10cf9cae771fc27b77a	Generic Java package (.war)	SHA-256: 4a73119d0237df66ac21f33dbd5fb311bdf209ef7286024b0275d99e0b96c699
Docker		Docker	
Ubuntu/Debian		Ubuntu/Debian	
CentOS/Fedora/Red Hat		CentOS/Fedora/Red Hat	
Windows		Windows	
openSUSE		openSUSE	
FreeBSD		Arch Linux	
Gentoo		FreeBSD	
macOS		Gentoo	
OpenBSD		macOS	
		OpenBSD	

Step 3: Once you click on the download button you can see the downloading. After the download run Jenkins .msi

Thank you for downloading Windows Stable installer

Download hasn't started? [Click this link](#)

[Tweet](#)

Changing boot configuration

By default, your Jenkins runs at <https://localhost:8080/>. This can be changed by editing `jenkins.xml`, which is located in your installation directory. This file is also the place to change other boot configuration parameters, such as JVM options, HTTPS setup, etc.

Starting/stopping the service

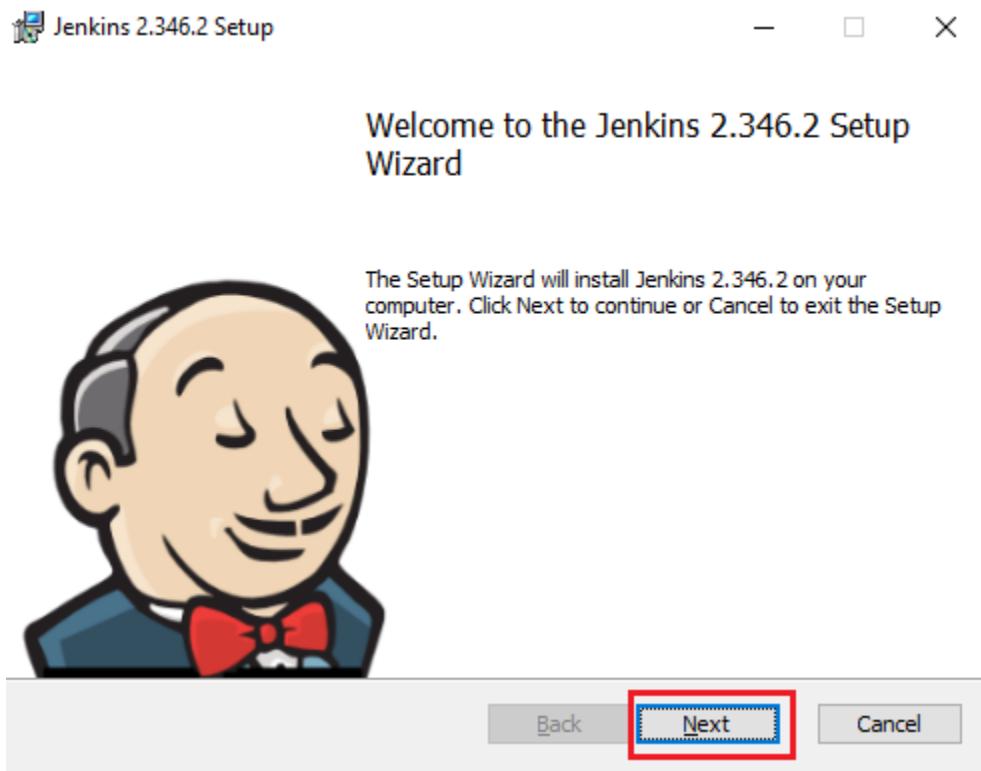
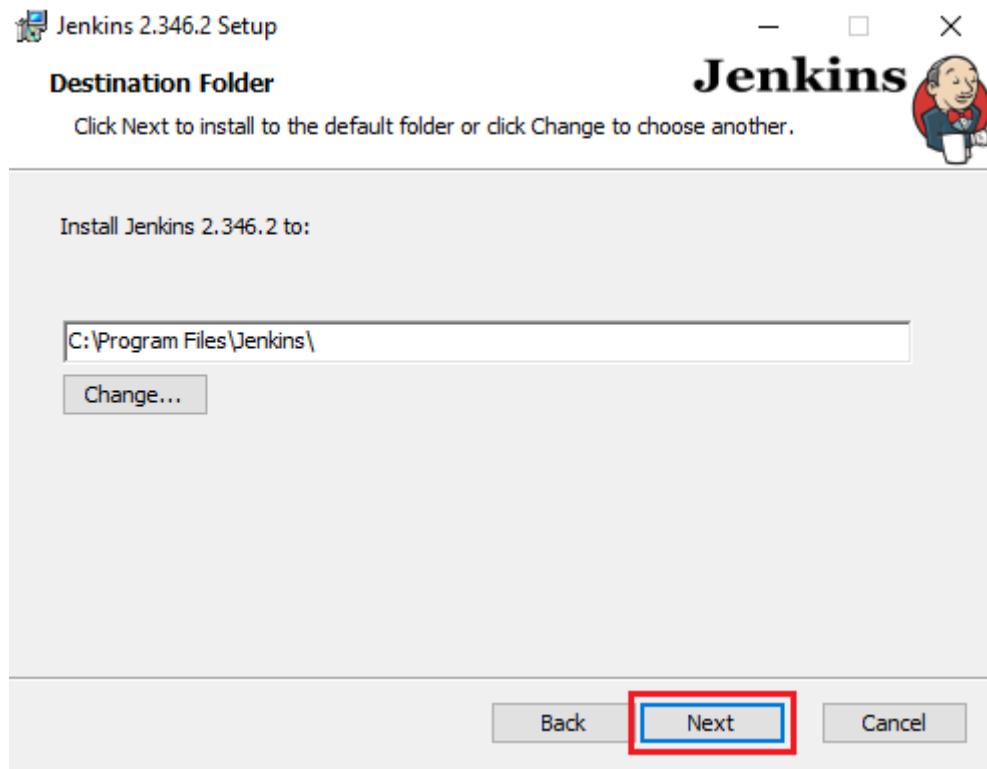
Jenkins is installed as a Windows service, and it is configured to start automatically upon boot. To start/stop them manually, use the service manager from the control panel, or the `sc` command line tool.

Inheriting your existing Jenkins installation

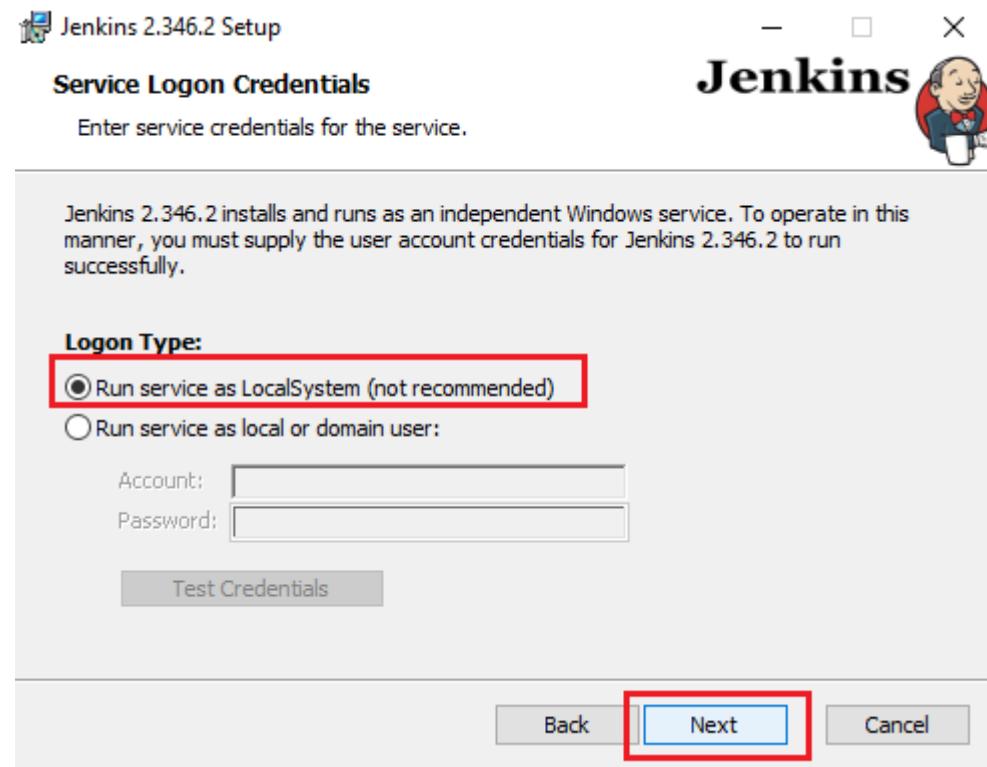
If you'd like your new installation to take over your existing Jenkins data, copy your old data directory into the new `JENKINS_HOME` directory.

See Also

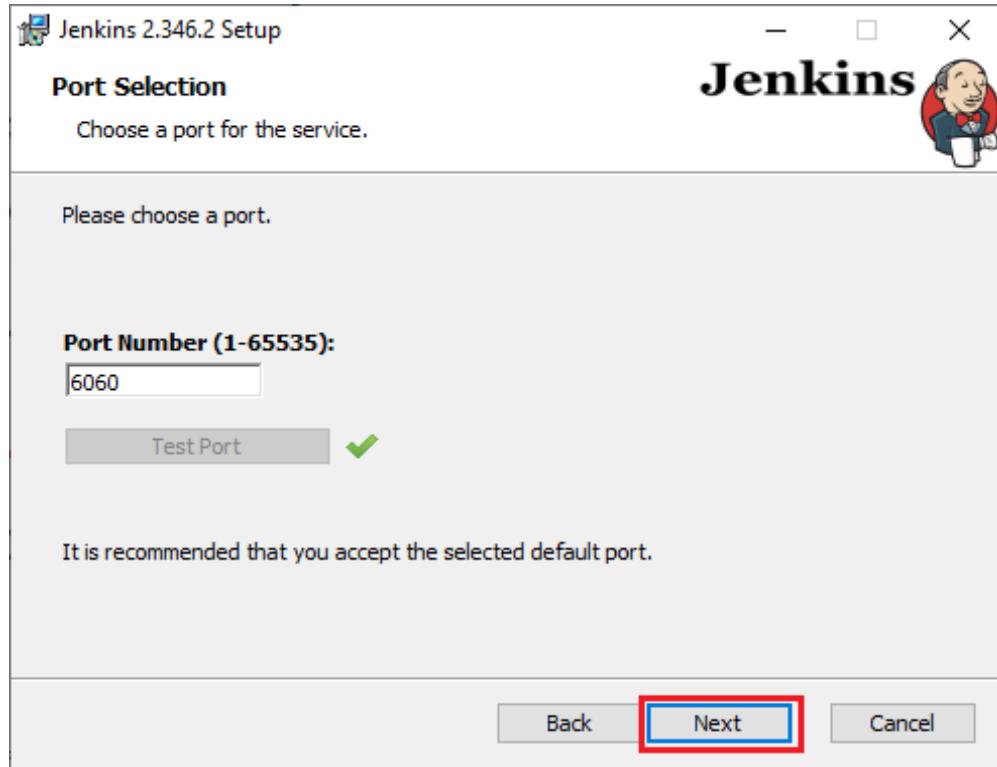
- [Running Jenkins behind Internet Information Server \(IIS\)](#)
- [Running Jenkins behind nginx](#)
- [Running Jenkins behind Apache](#)

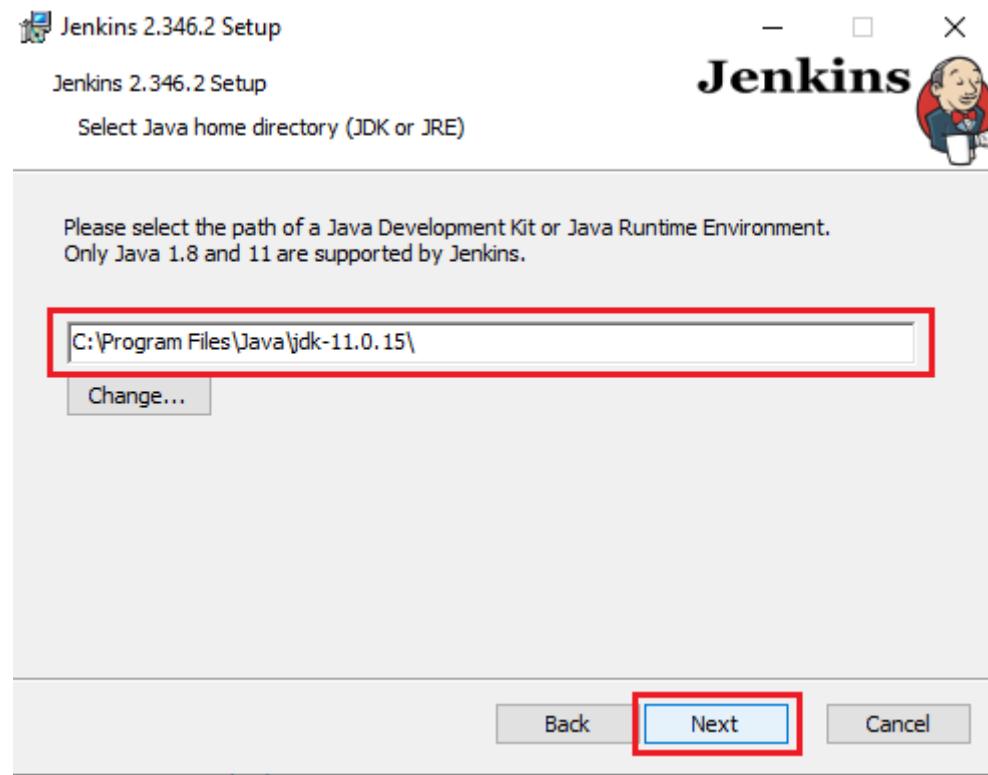
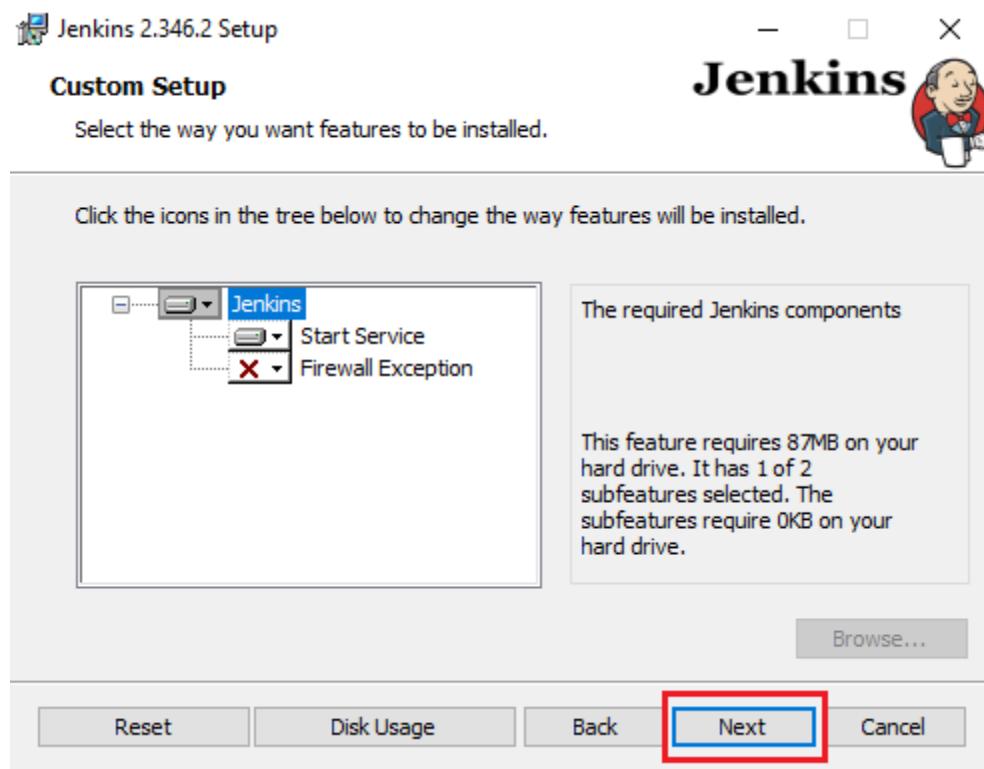
Step 4: Click on next**Step 5:** Change destination path or click on next

Step 6: Select logon type Run service as LocalSystem and click on next.

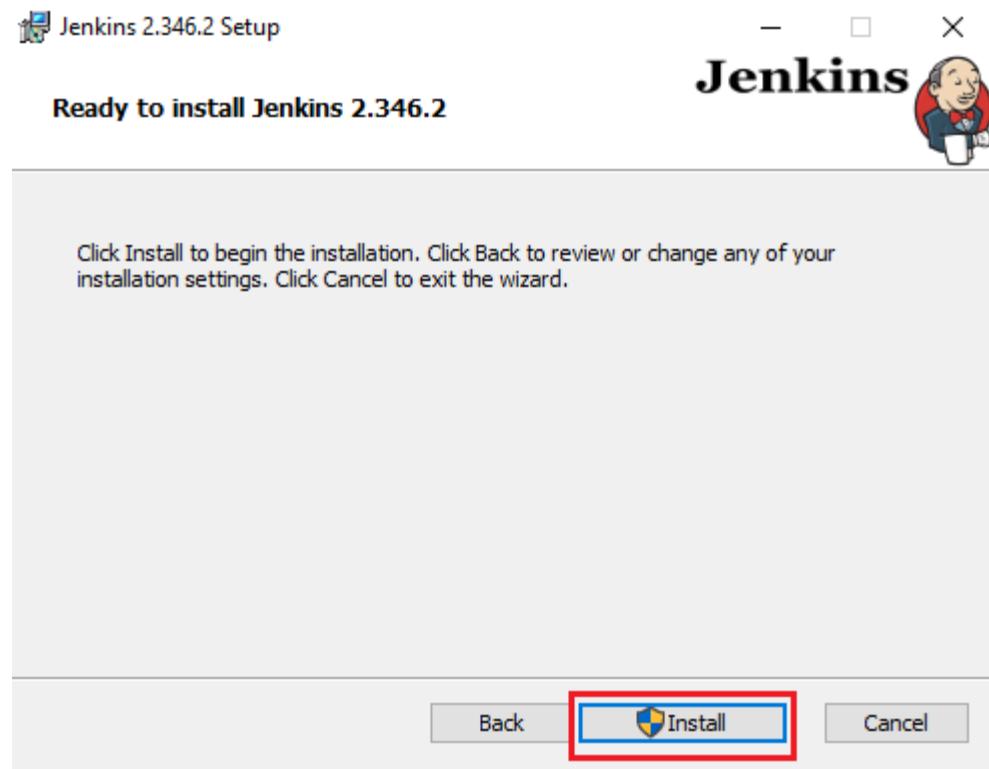


Step 7: Tests the port for service.

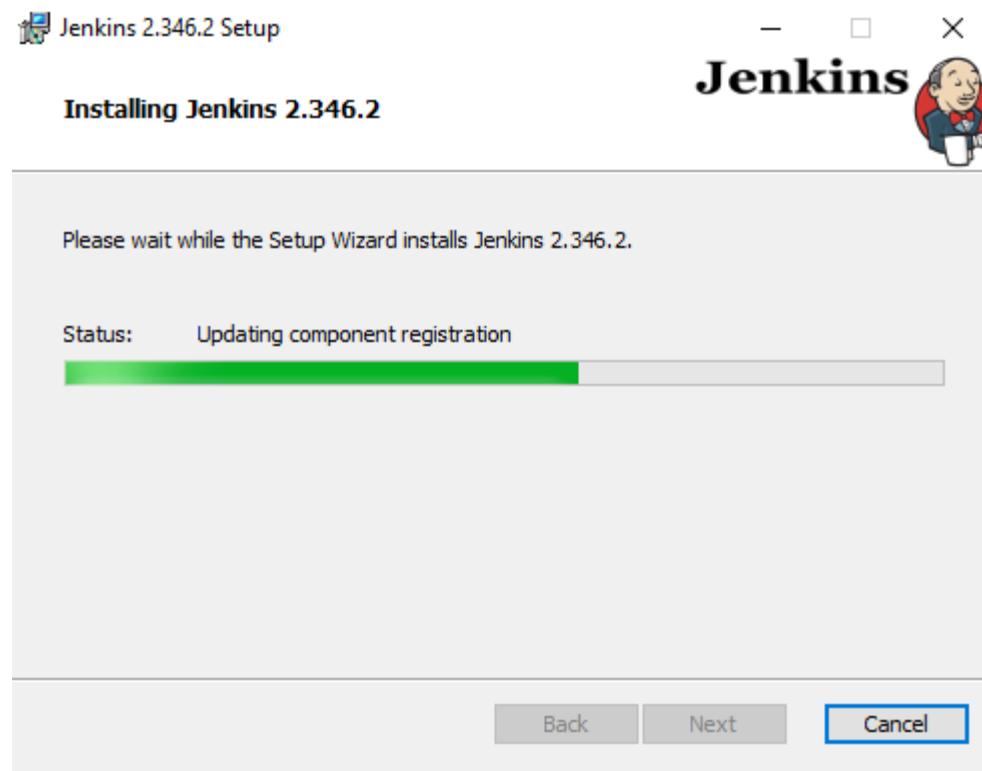


Step 8: Select the java 11 path**Step 9:** Click on next

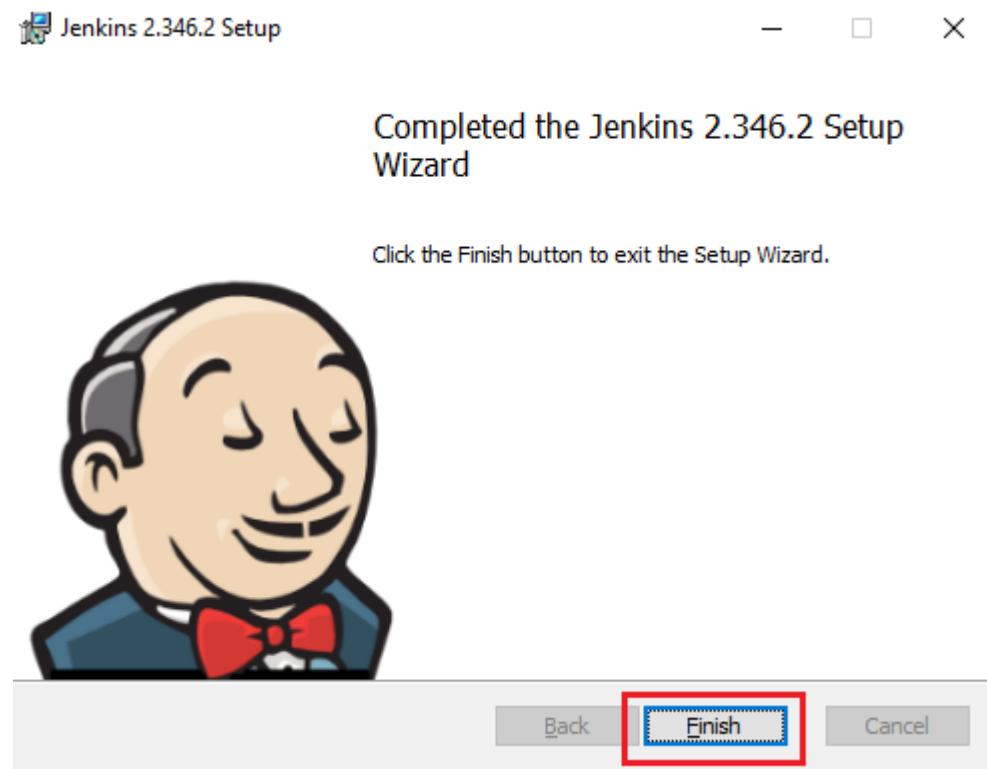
Step 10: Click on install.



Step 11: Wait until the installation is complete.

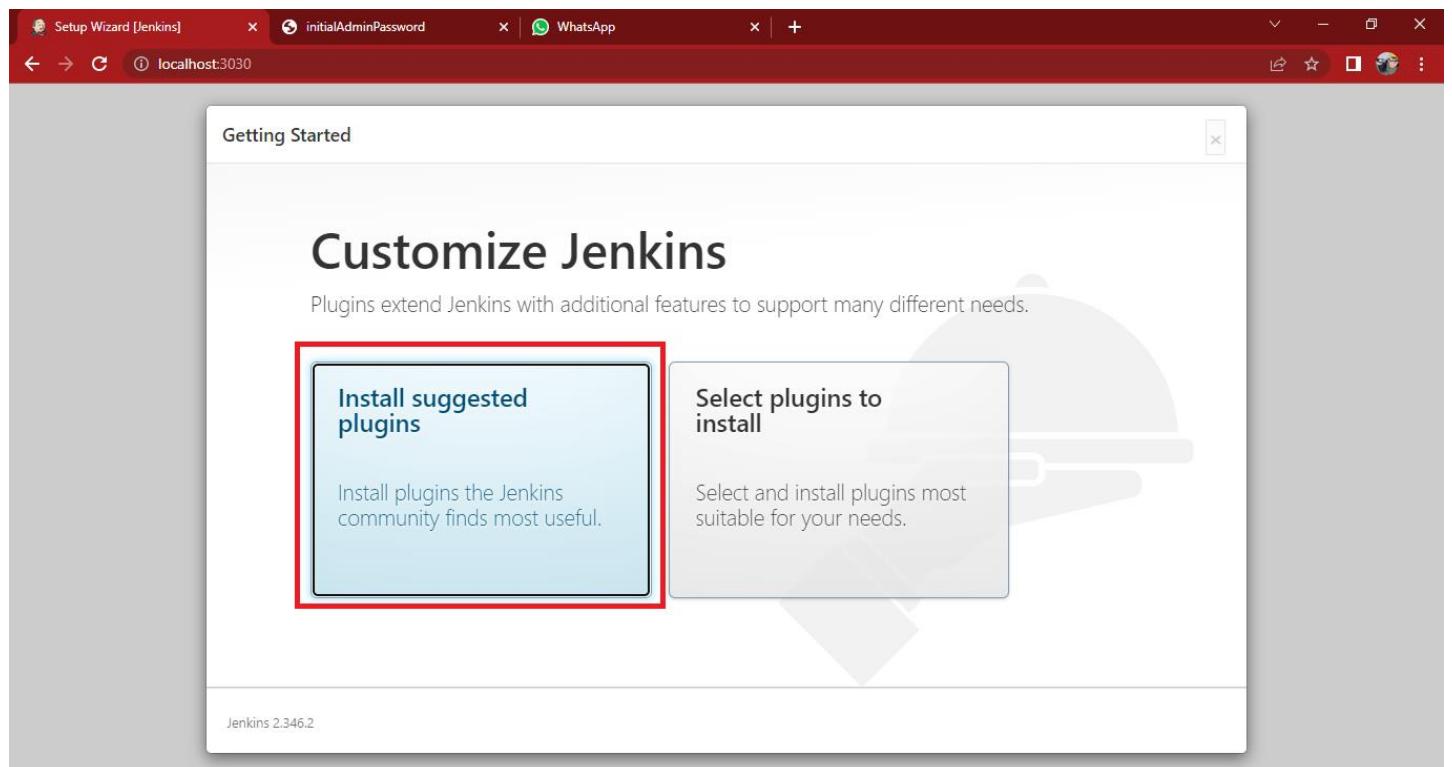
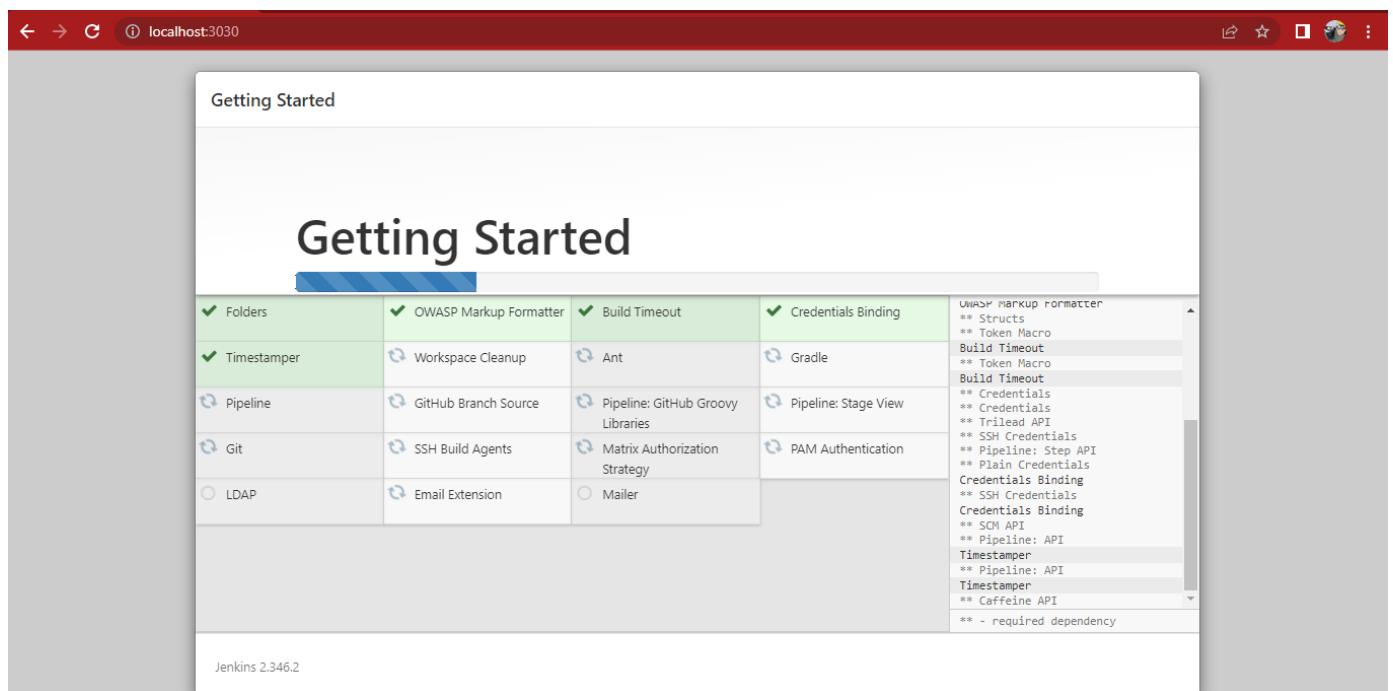


Step 12: Click on finish to complete the installation.



Step 13: Open browser and localhost:6060 (the port which is you tested while installing). To unlock the go to the location given below or copy the path and search it on new tab you will get the password

A screenshot of a web browser showing the Jenkins "Unlock Jenkins" page. The URL in the address bar is "localhost:3030/login?from=%2F". The page title is "Getting Started". The main heading is "Unlock Jenkins". A text block says: "To ensure Jenkins is securely set up by the administrator, a password has been written to the log ([not sure where to find it?](#)) and this file on the server:". Below this, a red box highlights the path "C:\ProgramData\Jenkins\.jenkins\secrets\initialAdminPassword". A note says "Please copy the password from either location and paste it below.". There is an "Administrator password" input field and a "Continue" button at the bottom right.

Step 14: Select Install suggested plugins for easy installation.**Step 15:** Wait until the download is complete.

Step 16: Create Admin user and click on save and continue.

Getting Started

Create First Admin User

Username: kavya

Password: *****

Confirm password: *****

Full name: kavyashree

E-mail address: kavyaachar77@gmail.com

Jenkins 2.346.2 Skip and continue as admin Save and Continue

Step 17: Click on Save and Finish.

Getting Started

Instance Configuration

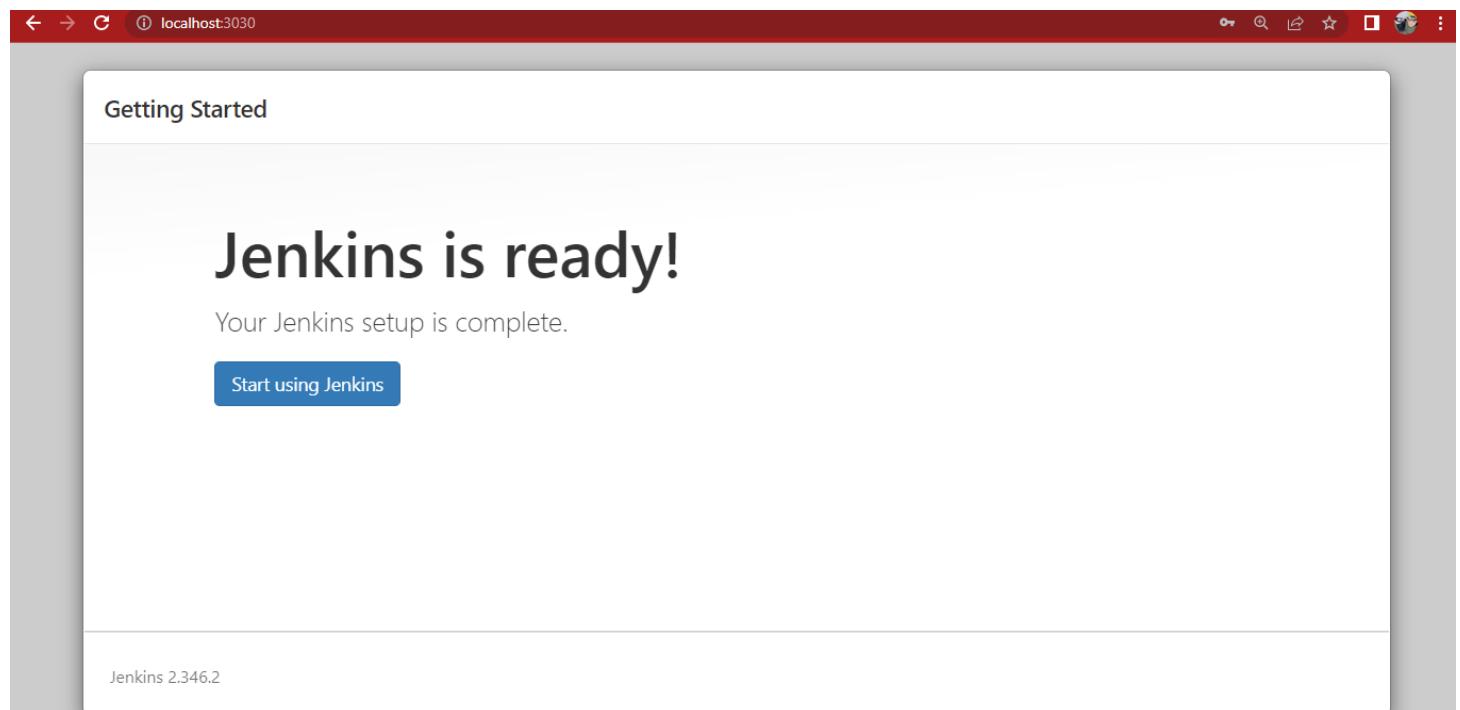
Jenkins URL: http://localhost:3030/

The Jenkins URL is used to provide the root URL for absolute links to various Jenkins resources. That means this value is required for proper operation of many Jenkins features including email notifications, PR status updates, and the BUILD_URL environment variable provided to build steps.

The proposed default value shown is **not saved yet** and is generated from the current request, if possible. The best practice is to set this value to the URL that users are expected to use. This will avoid confusion when sharing or viewing links.

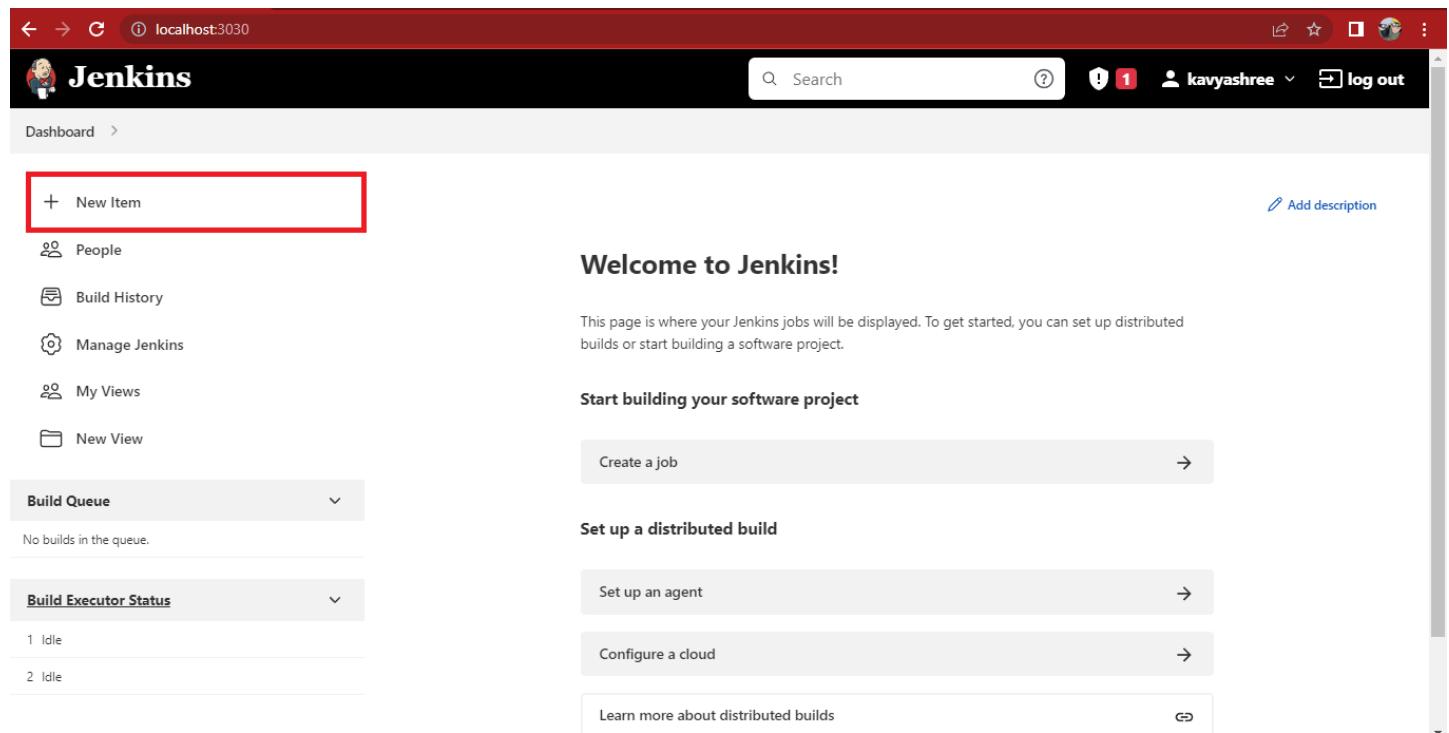
Jenkins 2.346.2 Not now Save and Finish

Step 18: Click on Start using Jenkins.



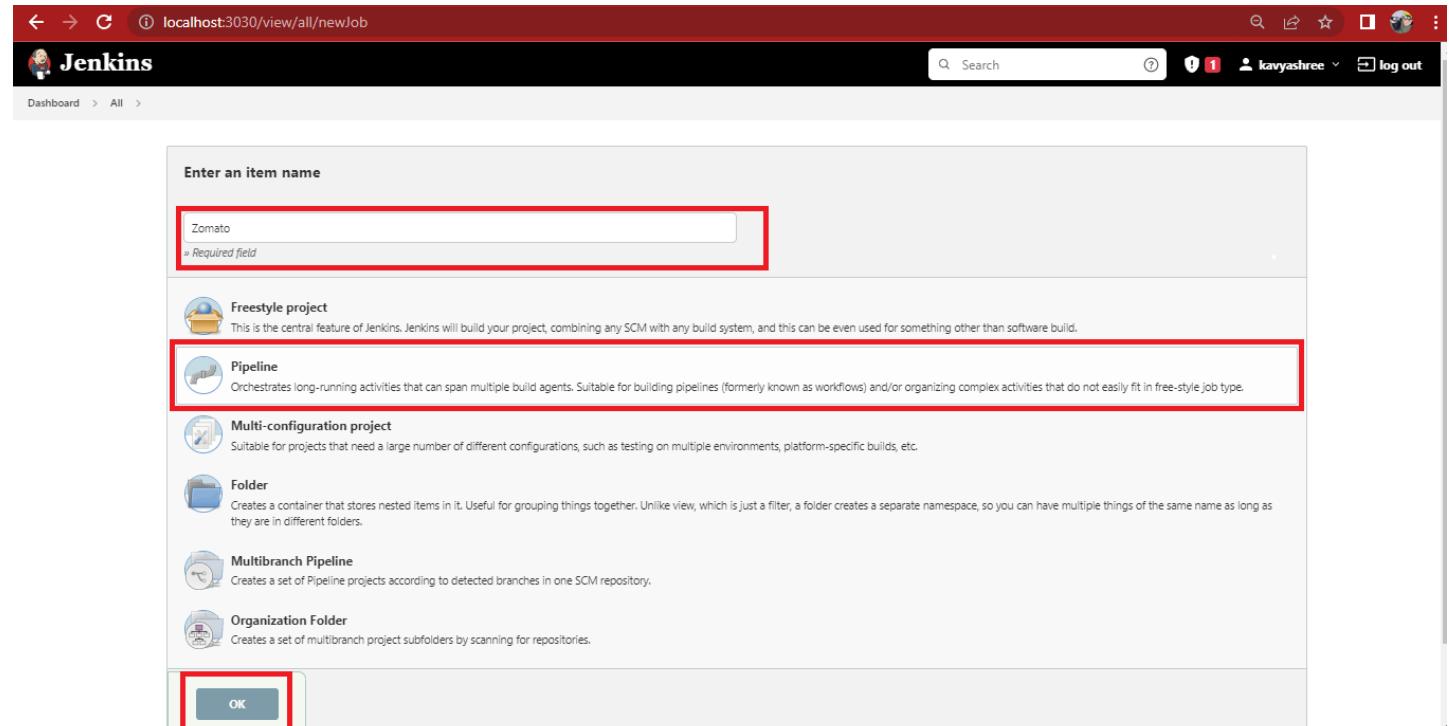
2. Create a container image for Hello world project.

Step 1: Click on new item to create container image.



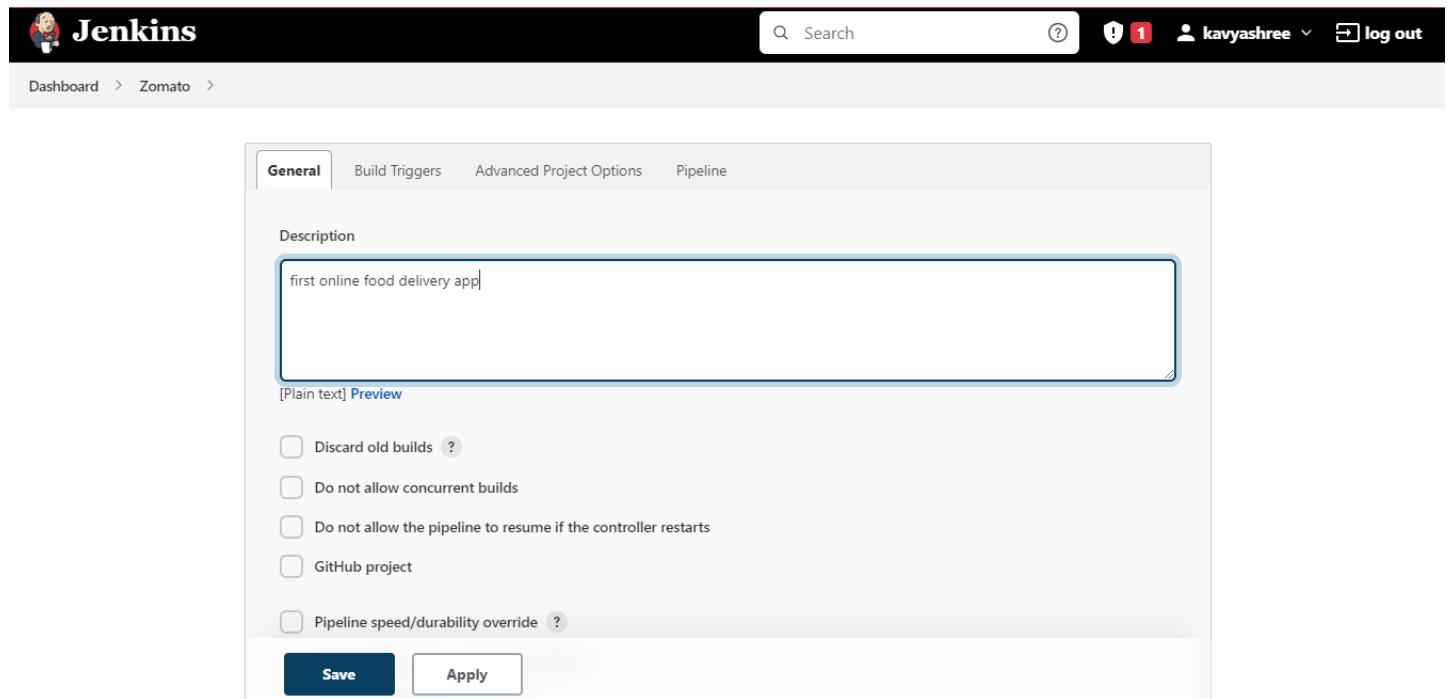
The screenshot shows the Jenkins dashboard at localhost:3030. The left sidebar has a 'New Item' button highlighted with a red box. The main area displays the 'Welcome to Jenkins!' message and various management links like 'Create a job', 'Set up a distributed build', and 'Pipeline'.

Step 2: Give a name to the item and select pipeline and click on ok



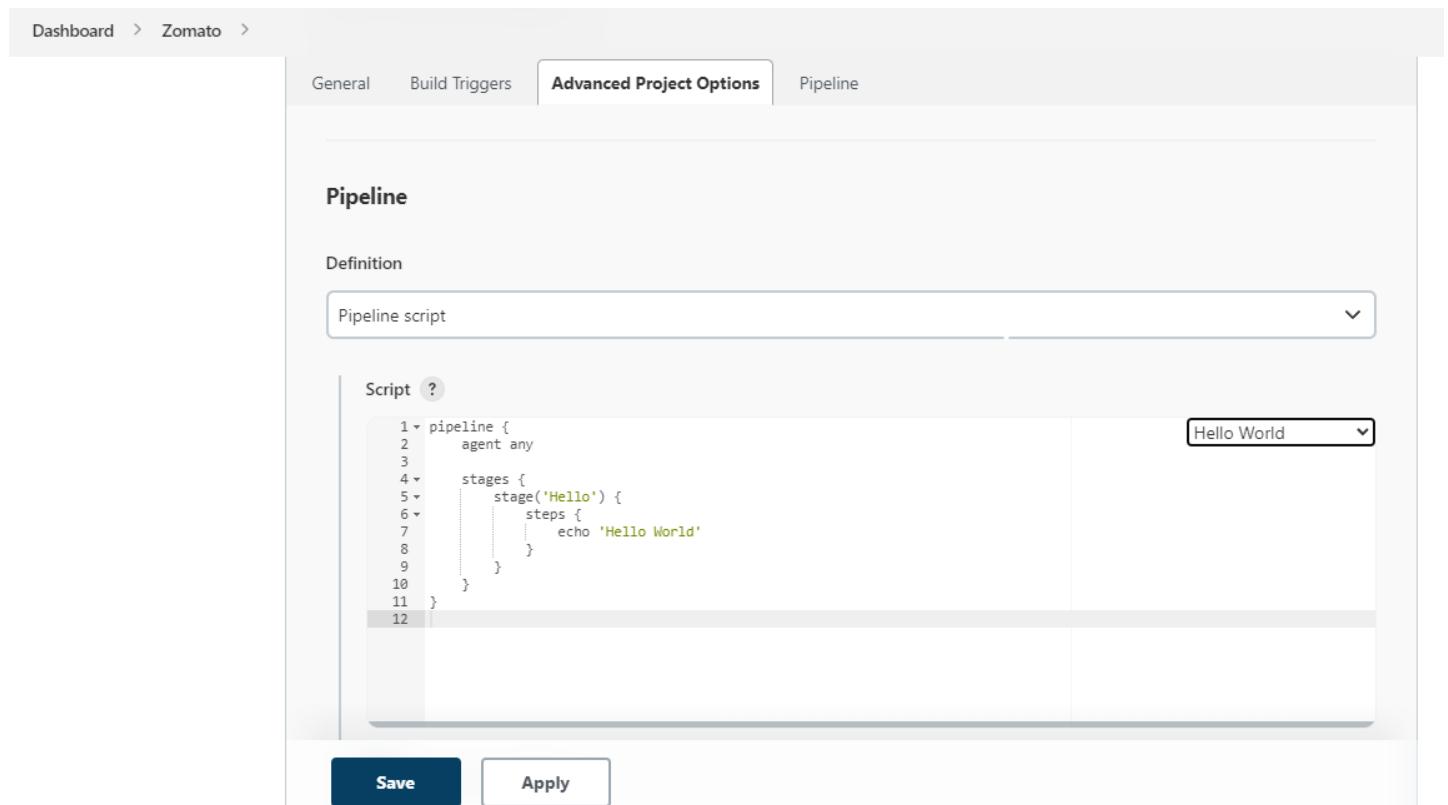
The screenshot shows the 'New Job' creation dialog at localhost:3030/view/all/newJob. The 'Pipeline' option is selected and highlighted with a red box. The 'OK' button at the bottom is also highlighted with a red box.

Step 3: give any description to your container if you wish or scroll down.



The screenshot shows the Jenkins General configuration page for a project named "Zomato". The "General" tab is selected. In the "Description" section, the text "first online food delivery app" is entered. Below the description, there are several optional checkboxes: "Discard old builds", "Do not allow concurrent builds", "Do not allow the pipeline to resume if the controller restarts", "GitHub project", and "Pipeline speed/durability override". At the bottom are "Save" and "Apply" buttons.

Step 4: In advanced Project options select Hello World and save.



The screenshot shows the Jenkins Advanced Project Options Pipeline configuration page for the same "Zomato" project. The "Advanced Project Options" tab is selected. Under the "Pipeline" section, the "Definition" is set to "Pipeline script". A "Script" editor shows a Groovy pipeline script with a "Hello World" stage. On the right, a dropdown menu is open, showing "Hello World" as the selected option. At the bottom are "Save" and "Apply" buttons.

Step 5: the container is created let's run it by clicking build now.

The screenshot shows the Jenkins interface for the 'Pipeline Zomato' project. At the top, there is a navigation bar with icons for search, notifications (1), user profile (kavyashree), and logout. Below the navigation bar, the page title is 'Pipeline Zomato' with a subtitle 'first online food delivery app'. On the left side, there is a sidebar with various options: 'Status' (selected), 'Changes', 'Build Now' (highlighted with a red box), 'Configure', 'Delete Pipeline', 'Full Stage View', 'Rename', and 'Pipeline Syntax'. To the right of the sidebar, there is a 'Recent Changes' section with a link to 'Stage View'. The 'Stage View' section displays a message: 'No data available. This Pipeline has not yet run.' At the bottom, there is a 'Permalinks' section with a 'Build History' tab (selected) and a dropdown menu set to 'trend'. A search bar at the bottom allows filtering of builds.

3. Setup builds for container image using Jenkins (Hello world application)

Step 1: Go to build History right click on last build and select console output.

The screenshot shows the Jenkins Stage View for a pipeline named 'Hello'. On the left, there's a sidebar with various project management options like 'Build Now', 'Configure', and 'Delete Pipeline'. Below that is a 'Build History' section, which is highlighted with a red box. A dropdown menu is open over build #2, showing options such as 'Changes', 'Console Output' (which is also highlighted with a red box), 'Edit Build Information', 'Delete build #2', and 'Restart from Stage'. To the right, there's a 'Stage View' panel showing two stages: 'Hello' and 'Stage 1', both completed in 1 second. The Jenkins version is 2.346.

Step 2: the Hello World application built successfully.

The screenshot shows the Jenkins Console Output page for build #2. The left sidebar has links like 'Back to Project', 'Status', 'Changes', 'Console Output' (which is highlighted with a red box), 'View as plain text', 'Edit Build Information', 'Delete build #2', 'Restart from Stage', 'Replay', 'Pipeline Steps', 'Workspaces', and 'Previous Build'. The main area is titled 'Console Output' with a checkmark icon. It displays the log output of the pipeline, which includes starting by user 'kavyashree', starting the pipeline, running on 'Jenkins' node, and executing a stage with 'Hello' step, which outputs 'Hello World'. The pipeline ends with a SUCCESS status.

WEEK-11

1. Prepare test plan for user stories using Jenkins.

For creating test plans we need to install Zephyr scale application JIRA. Follow below steps to download Zyphyr scale

Step 1: Click on apps and select explore more apps.

The screenshot shows the Jira Software interface. At the top, there is a navigation bar with links for 'Your work', 'Projects', 'Filters', 'Dashboards', 'People', 'Apps' (which is highlighted with a red box), and 'Create'. Below the navigation bar, there is a search bar and some status indicators. On the left, there is a sidebar with sections for 'Planning' (Roadmap, Backlog, Board), 'Development' (Code), and a project named 'Zomato1'. The main area displays a board for 'ZM Sprint 1' with two columns: 'TO DO 2 ISSUES' and 'IN PROGRESS'. Under 'TO DO 2 ISSUES', there is an issue titled 'log in'. A dropdown menu is open over the 'Explore more apps' button, which is also highlighted with a red box. The dropdown menu contains options: 'Explore more apps' (highlighted with a red box), 'Manage your apps', and 'View app requests'. To the right of the board, there is a sidebar with a 'RECOMMENDED FOR YOUR TEAM' section listing 'Slack', 'Atlas CRM (Project Management)', and 'Power BI (Analytics)'.

Step 2: Search “Zephyr Scale” on search bar. And select first result.

The screenshot shows the Jira Marketplace interface. At the top, there is a navigation bar with links for 'Your work', 'Projects', 'Filters', 'Dashboards', 'People', 'Apps' (which is highlighted with a red box), and 'Create'. Below the navigation bar, there is a search bar and a feedback link. On the left, there is a sidebar with sections for 'Apps', 'ATLASSIAN MARKETPLACE' (Find new apps, Manage apps, App requests, Promotions, OAuth credentials), and a link to 'Feedback'. The main area displays a search results page for 'Discover apps and integrations for Jira'. A search bar at the top has 'Zephyr scale' typed into it. Below the search bar, there are filters for 'Sort', 'Free for all teams', 'More Filters', and 'Categories'. The results section shows '3 results'. The first result, 'Zephyr Scale - Test Management for Jira', is highlighted with a red box. It features a blue icon with a white flame-like shape, a 'STAFF PICK' badge, a brief description, a star rating of 4.5 stars with 263 reviews, and 18k installs. The second result is 'Zephyr Squad - Test Management for Jira', which has a blue icon with a white flame-like shape, a brief description, a star rating of 4.5 stars with 794 reviews, and 24.2k installs. The third result is 'FlashTest - Agile Test Management for Jira', which has a purple icon with a yellow lightning bolt, a brief description, a star rating of 5 stars with 12 reviews, and 156 installs.

Step 3: Click on try it free.

Jira Software Your work Projects Filters Dashboards People Apps Create Search Feedback

Apps ATLASSIAN MARKETPLACE Find new apps Manage apps App requests Promotions OAuth credentials

Zephyr Scale - Test Management for Jira by SmartBear  CLOUD FORTIFIED  263

Overview Support

A scalable, performant test management solution inside Jira with advanced test planning, reporting, and reusability features

SMARTBEAR Zephyr Scale Advance your testing in Jira 

Platinum Marketplace Partner

TRY FREE Estimated \$0 / month after 30-day trial

Step 4: Click on Start free trial.

Jira Software Your work Projects Filters Dashboards People Apps Create Search Feedback

Apps ATLASSIAN MARKETPLACE Find new apps Manage apps App requests Promotions OAuth credentials

Add to Jira

Zephyr Scale - Test Management for Jira by SmartBear  CLOUD FORTIFIED  263

TRY FREE Estimated \$0 / month after 30-day trial

Zephyr Scale - Test Management for Jira will perform the following actions:

- Act on a user's behalf, even when the user is offline
- Administer the host application
- Administer Jira projects
- Delete data from the host application
- Write data to the host application
- Read data from the host application

By installing this app, you permit Atlassian to share anonymized data with Zephyr Scale - Test Management for Jira. You agree to Atlassian Marketplace's [terms of use](#) and SmartBear's [privacy policy](#) and [terms of use](#).

[View app details](#) **Start free trial** Cancel

Test plans for Created user stories.

The screenshot shows the SMARTBEAR Zephyr Scale application interface. The top navigation bar includes links for 'Your work', 'Projects', 'Filters', 'Dashboards', 'People', 'Apps', 'Create', and a search bar. The main header displays the project name 'kavyashree Software project' and the title 'SMARTBEAR Zephyr Scale'. The left sidebar contains sections for 'PLANNING' (Roadmap, Backlog, Board) and 'DEVELOPMENT' (Code, Project pages). A highlighted section in the sidebar is 'Zephyr Scale'. The main content area is titled 'Test Cases', 'Test Cycles', 'Test Plans', and 'Reports', with 'Test Plans' being the active tab. A sub-header 'All test plans (7)' is shown above a list of seven items, each with a checkbox, name, and status. The items are:

Key	Name	Status
KAV-P1	login to the application	APPROVED
KAV-P2	Order place in	APPROVED
KAV-P3	Menus	APPROVED
KAV-P4	Location tracking	APPROVED
KAV-P5	Payment	APPROVED
KAV-P6	Rating and reviews	APPROVED
KAV-P7	Profile	APPROVED

At the bottom right of the content area are a bell icon and a question mark icon. A footer note at the bottom left states 'You're in a team-managed project' with a 'Learn more' link.

2. Prepare RTM for the user stories created using JIRA. Create test cases for the user stories created.

Test cases for created user stories.

The screenshot shows the Jira Software interface for the 'kavyashree' project. The left sidebar includes sections for PLANNING (Roadmap, Backlog, Board), DEVELOPMENT (Code, Project pages), and Zephyr Scale (selected). The main content area is titled 'SMARTBEAR Zephyr Scale' and shows the 'Test Cases' tab. It lists 15 test cases, each with a brief description and a status column. A search bar and filter options are at the top of the list. At the bottom, there's a link to 'Archived test cases'.

Key	Description	Status
KAV-T1	Sign up to the application if don't have an account	APPROVED
KAV-T2	Sign in if you already have an account	APPROVED
KAV-T3	Sign in or log in using Phone number and Gmail account	APPROVED
KAV-T4	Placing order whether a home delivery or dine in.	APPROVED
KAV-T5	Adding selected food to cart.	APPROVED
KAV-T6	The menu should contain various options	APPROVED
KAV-T7	It must have categorized menu.	APPROVED
KAV-T8	Delivery boy should trace the customer current address.	APPROVED
KAV-T9	The customer will check whether the delivery boy is near to our address.	APPROVED
KAV-T10	Both, delivery boy and customer can track the location.	APPROVED
KAV-T11	Customer can pay using online payment.	APPROVED
KAV-T12	Customer can pay cash on delivery	APPROVED
KAV-T13	Customer can give their opinion by their wish	APPROVED
KAV-T14	Whether the food is good and healthy	APPROVED
KAV-T15	Here the customer can add profile pic and personnel details to maintain their account.	APPROVED

Test cycles for created user stories.

The screenshot shows the Jira Software interface for the 'kavyashree' project. The left sidebar shows 'Zephyr Scale' is selected. The main content area is titled 'SMARTBEAR Zephyr Scale' and shows the 'Test Cycles' tab. It lists 7 test cycles, each with a progress bar and a status indicator. A search bar and grouping/filter options are at the top of the list. A 'New Test Cycle' button is located in the top right corner.

Key	Name	Progress	Status
KAV-R6	Location tracking	33%	IN PROGRESS
KAV-R3	Log in	66%	IN PROGRESS
KAV-R5	Menus	50%	IN PROGRESS
KAV-R4	Order place in	50%	IN PROGRESS
KAV-R7	Payment	50%	IN PROGRESS
KAV-R9	Profile	100%	DONE
KAV-R8	Rating and reviews	100%	DONE

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kavyashree / Test Cycles / KAV-R3 / Test Player

Log in

Estimated: 100h 30m • Actual: 7s • Planned start date: 23/Jul/22 • Planned end date: 23/Jul/22

Back

Test Cases 3

Group by: No group ▾ Show only assigned to me

KAV-T2 (1.0) Sign in if you already have an account 00:00:08

KAV-T3 (1.0) Sign in or log in using Phone number 00:00:02

KAV-T1 (1.0) Sign up to the application if don't have one 00:00:02

Start a new test execution

KAV-T2 (1.0) Sign in if you already have an account

No estimated time • Actual 8s • 23/Jul/22 8:12 am

Execution

Environment:	None	Version:	None
Assigned To:	Unassigned	Executed by:	dororu uchia
Estimated:	None	Actual:	8s

Objective

None

Precondition

None

Details

Comment

Page | 81