

Design Thinking And Agile.

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“Design is not just what it looks like and
feels like.Design is how it works”

—Steve Jobs

01

Design Thinking



**FRAME A
QUESTION**



**GATHER
INSPIRATION**



**GENERATE
IDEAS**



**MAKE IDEAS
TANGIBLE**



**TEST
TO LEARN**



**SHARE
THE STORY**

What is Design Thinking?

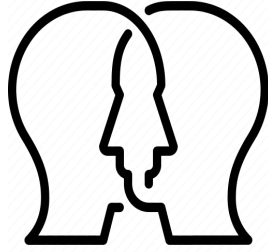
Philosophy+Set of tools->To Solve the problem creatively

"Process for solving problems by prioritizing the consumer's needs above all else."

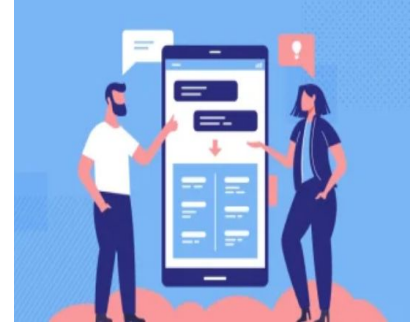


Steps in Design thinking

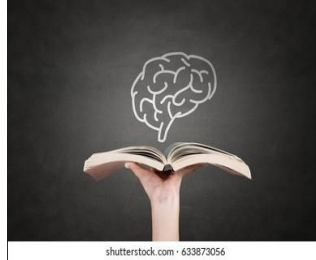
Empathize



Prototype



Define



Test



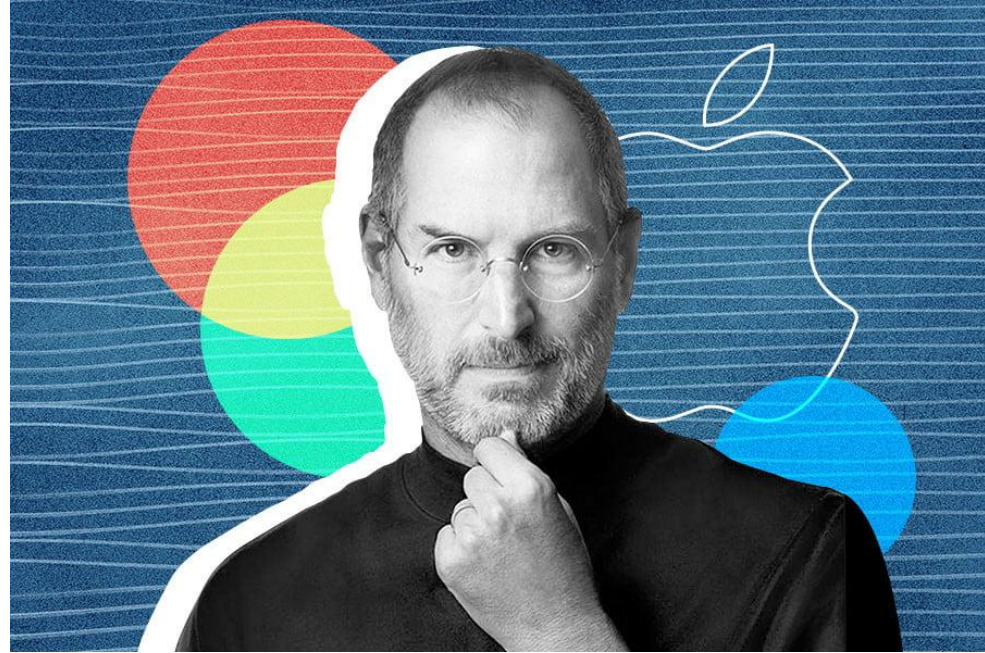
Ideate



~Design Thinking turned Apple into a market disruptor~

“Design thinking is not about creating objects, it’s about shaping new business opportunities”

Best Example-iPhone



Software Development



**“Ohh that will
be a cool
app. But how will
i deliver it into
the market?”**



IDEATION

Brainstorming ideas that solve a particular problem faced by target users.



REQUIREMENTS

Interacting with stakeholders and users to collect and document project requirements.



DESIGN

Creating the architecture of a software system and its elements.



DEVELOPMENT

Building the software using a programming language by the development team.



Software Development Life Cycle

MAINTENANCE

Updating and supporting the software after it has been delivered to the market.



Deployment

Preparing the software to run and operate in a specific environment.



TESTING

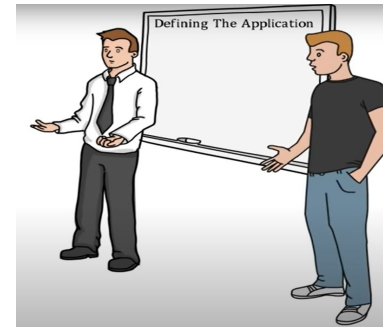
Evaluating the quality of software with the aim of finding and fixing defects.



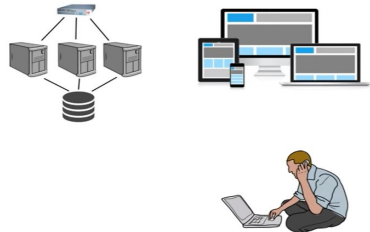
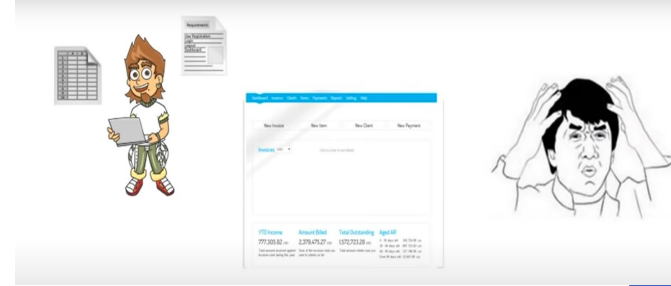
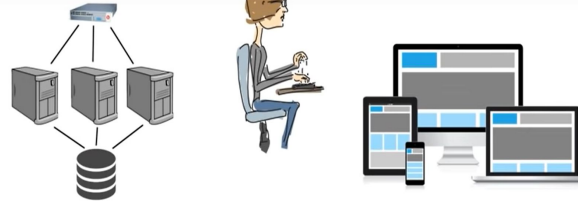
Customer



Competition



Setup Physical Hardware



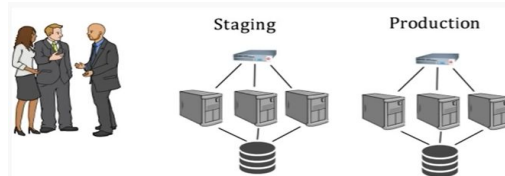
You need to sign in or sign up before continuing

Email:

Password:

☐ Keep me signed in (I understand this means you will be logged in when you return to this website)

[Forgot your password?](#)



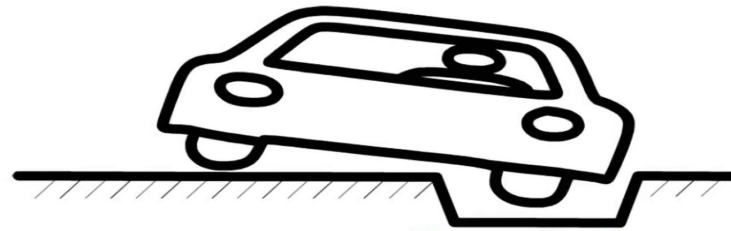
URL Link: <http://testaholic.net>

Production Support



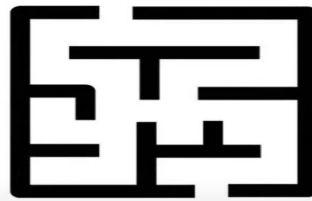
Software Development Approaches





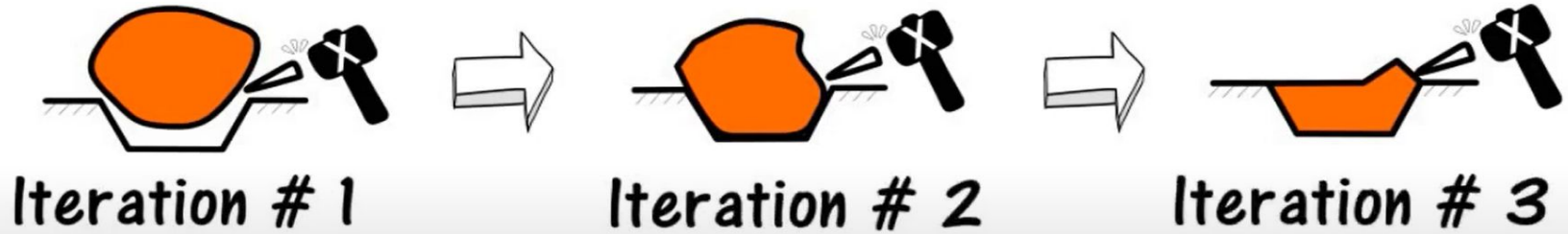
Pothole

WATERFALL APPROACH



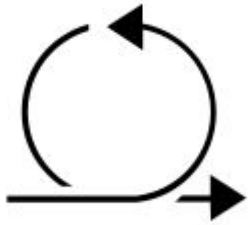
Complex Problem

ITERATIVE APPROACH



INCREMENTAL APPROACH





02

AGILE METHOD

WHAT IS AGILE MODEL ..?

- Combination of *iterative* and *incremental* process models.
- Main aim - help a project to adapt to change requests quickly.
- Makes project completion faster by removing unnecessary activities.

AGILE

Able to move
quickly and easily





How to implement Agile model..




Requirements decomposed into small parts.

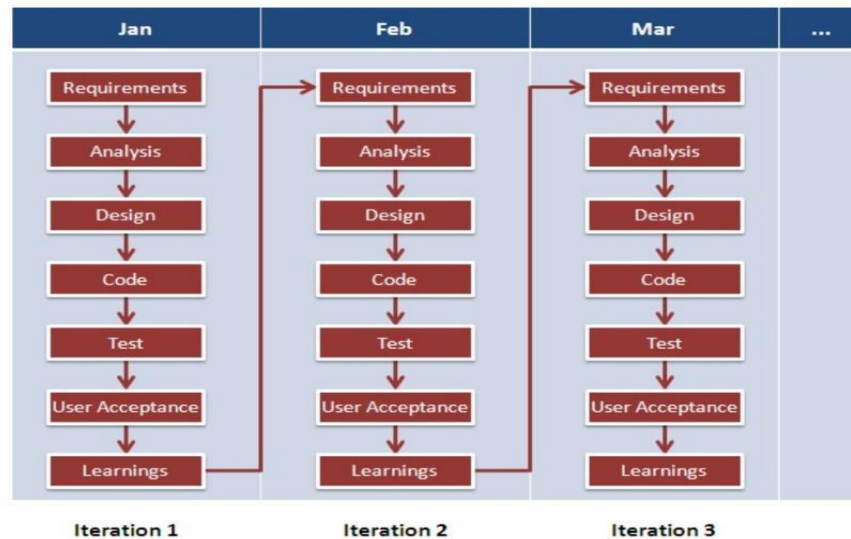
- Each iteration are short time frames.

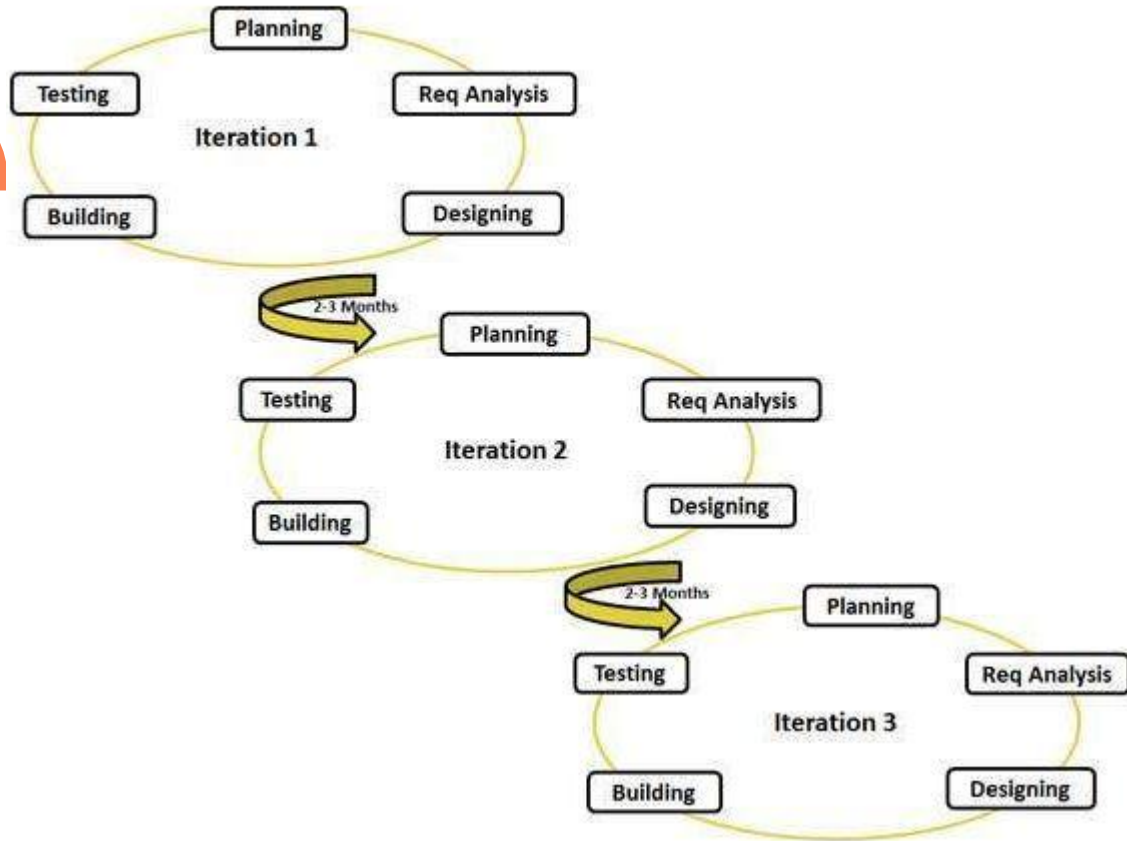
Each iteration involves cross-functional team working on all functions
Planning, Analysis, Design, Coding, Unit testing, Acceptance testing.

After iteration, the working model is demonstrated to the stakeholders.

- An iteration may not add full functionality.










FINAL PRODUCT



Iteration 1



Iteration 2



Iteration 3

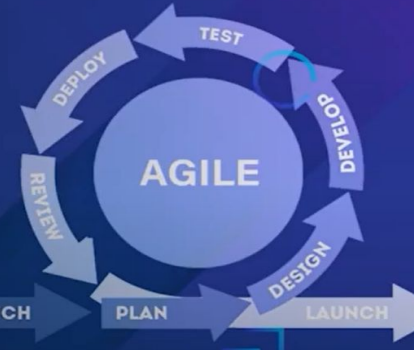


Agile methodologies ..!



03

Design Thinking And Agile



Best Practices for Combining Design Thinking and Agile Methodology

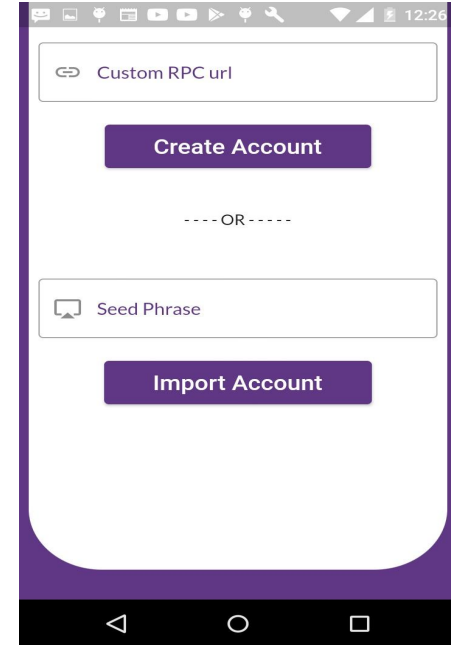
- Begin at a small level
- Invest in user research
- Optimal use of design thinking.
- Build a productive team culture.
- Design patterns and maintain a good user experience.

Application - Demo



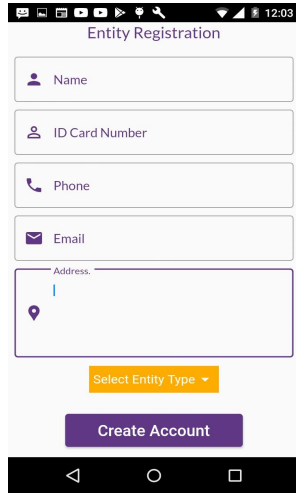
Entity Types :

- Producer
- Processor
- Distributer
- Retailer
- Verifying Entity



Application - Demo

Entity Registration Module



Entity Registration

Name

ID Card Number

Phone

Email

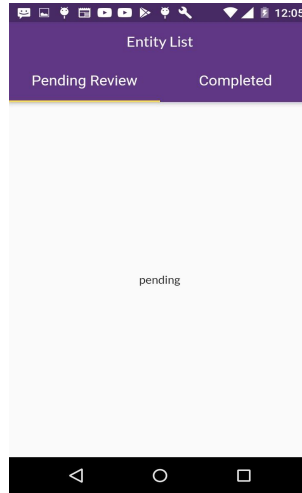
Address

Select Entity Type

Create Account

This screenshot shows the Entity Registration module. It features a form with five input fields: Name, ID Card Number, Phone, Email, and Address. Below the Address field is a dropdown menu labeled 'Select Entity Type'. At the bottom of the form is a purple button labeled 'Create Account'. The status bar at the top shows the time as 12:03.

List of entities to be verified



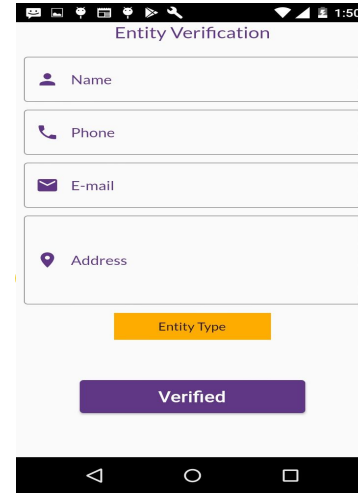
Entity List

Pending Review Completed

pending

This screenshot shows the Entity List module. It has a purple header with the title 'Entity List' and two tabs: 'Pending Review' and 'Completed'. The main content area is a light gray box with the word 'pending' centered in it. The status bar at the top shows the time as 12:05.

Entity Verification Module



Entity Verification

Name

Phone

E-mail

Address

Entity Type

Verified

This screenshot shows the Entity Verification module. It features a form with four input fields: Name, Phone, E-mail, and Address. Below the Address field is a yellow button labeled 'Entity Type'. At the bottom of the form is a purple button labeled 'Verified'. The status bar at the top shows the time as 1:50.

Application-Demo



Scan QR

Entity Access



Tracking Details



Retailer Details



Distributor Details



Processor Details



Producer Details





Thankyou