



The Kanban Board

-Achieving ideas/goals through Kanban principles by converting them into projects and tasks.

Planning Stage

The Problem

1. You wish but couldn't plan.
2. You plan but couldn't organize.
3. You have organized plan but couldn't execute.
4. You have executed plan but left it in between and doesn't start as you think you have to start from scratch as you have forgotten it



The Solution



1. Plan it by creating a project
2. Capture the details by add the project details
3. Organize it by breaking them into small tasks and putting its priorities and status
4. Resume anytime by looking the current status and priorities of the task in a project.

The User



The Competitor Analysis

Smart Sheet

Monday.com

KanbanTool

KanbanBox

Atlassian Jira

Zenkit

Trello

Club House

The USP Of Application

Simple 2 – step Application

In app Tutorials

Limit work

Personal and Professional Usage

Learning about kanban

set priority

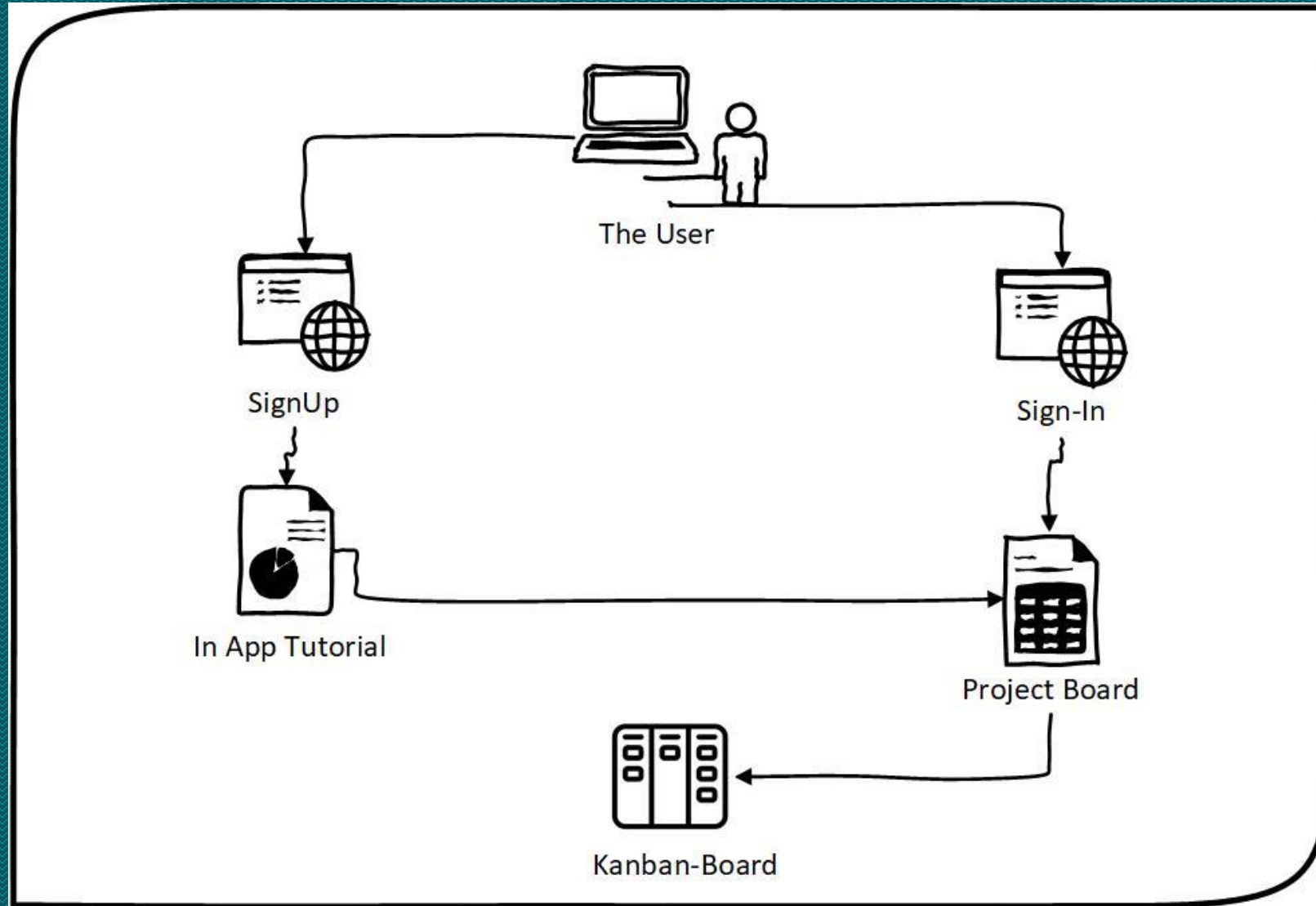
Visualize Project Current status

Roles and Responsibilities

Application Features	Designing	Front-end Coding	Back-end Coding
Landing Page	Priya Kumari	Priya Kumari	Priya Kumari
In- App tutorials	Priya Kumari	Priya Kumari	Priya Kumari
User-Registration	Karamjeet Singh	Karamjeet Singh	Karamjeet Singh
User-Login	Karamjeet Singh	Karamjeet Singh	Karamjeet Singh
Project-Dashboard	Karamjeet Singh	Karamjeet Singh	Karamjeet Singh
Kanban-Board	Priya Kumari/Karamjeet Singh	Priya Kumari/Karamjeet Singh	Priya Kumari/Karamjeet Singh
Create and Update Project	Priya Kumari	Priya Kumari	Priya Kumari
Create and Update Task	Karamjeet Singh	Karamjeet Singh	Karamjeet Singh

Designing Stage

User Flow



Paper-Prototypes

Login Page

The Kanban Board

login Register

Login form X

Email

Password

login New User? Register here

Registration Page

The Kanban Board

login Register

Registered Form X

firstname

lastname

Email

Password

Confirm Password

Register / Already Register login here

Interactive form

The Kanban Board

logout

welcome to firstname lastname

What is your goal or Plan?

Next

Similar, page will be display for Project description, start date, end date, work limit till project is not created.

Landing Page

The Kanban Board

login Register

< Kanban Images >

What is Kanban? Principles Practices

Kanban Content

Project Board

The Kanban Board

logout

Create new Project

Wireframe

Mockups

Start Date: End Date:

Kanban Board Page

The Kanban Board

logout

Create new Task

To Do

In Progress

Done

Page Design

Start Date: End Date:

WireFrames

LOGO Register Login

...

What is Kanban Kanban Principles Kanban Practices

Lorem Ipsum is simply dummy text of the printing and typesetting industry. Lorem Ipsum has been the industry's standard dummy text ever since the 1500s, when an unknown printer took a galley of type and scrambled it to make a type specimen book. It has

LOGO Register Login

Register Here X

First Name Last Name

Email Address

Password

Confirm Password

Register

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LOGO My Dashboard Logout

Welcome UserName, Lets get started by converting your Ideas or Goals into Project.

Lets Start

LOGO My Dashboard Logout

What is your Idea or Goal ?

Next

LOGO Register Login

Login Here X

Login

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LOGO My Dashboard Logout

LOGO Project Name Kanban Board Logout

To Do Tasks Work limit: 99 Work In Progress Tasks Work limit: 99 Done Tasks Work limit: 99

LOGO Logout

Task Details

Task Name Start Date End Date Priority 12 Task Status 12 Done work limit

Task Description Add Comment

Dependent Task Task 10 Task 3

Activities

- Karanjeet Singh added a comment: this task need more detailed analysis and needs to rework.
- Task 11 added as dependent task.
- Task added on 26/11/2019

Update Cancel

LOGO My Profile Logout

Edit

First Name Last Name

User Name Email Address

Password

My Projects

Update Cancel

LOGO Logout

Project Details

Project Name Start Date End Date 100% completed Work In Progress work limit Done work limit

Project Description

Project Tasks

Start Date 20/10/2020 End Date 20/11/2020 Designing

Start Date 20/10/2020 End Date 20/11/2020 Designing

Start Date 20/10/2020 End Date 20/11/2020 Designing

Start Date 20/10/2020 End Date 20/11/2020 Designing

Project Team Members

Karanjeet Singh Karanjeet Singh Karanjeet Singh Karanjeet Singh

Update Cancel

LOGO Project Name Kanban Board Logout

To Do Tasks Work limit: 99 Work In Progress Tasks Work limit: 99 Done Tasks Work limit: 99

User's Dashboard Invite Team Members My Profile Add Task

LOGO Project Name Kanban Board Logout

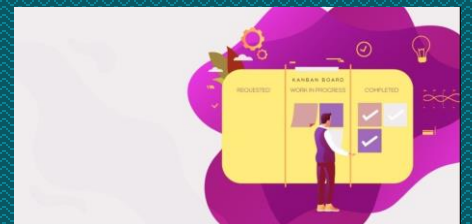
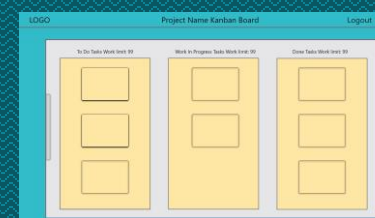
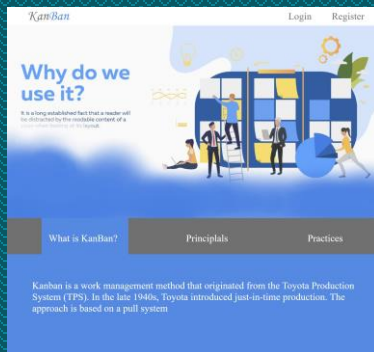
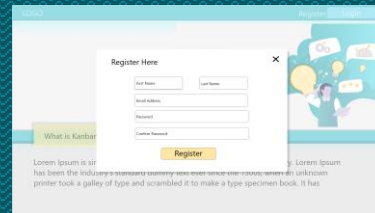
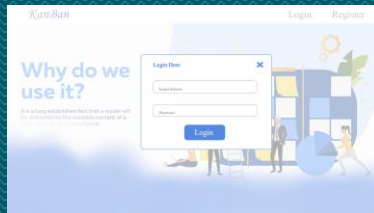
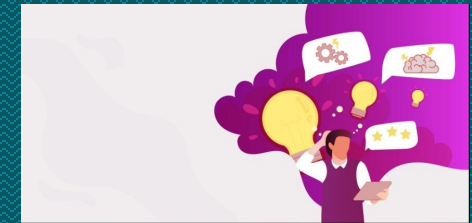
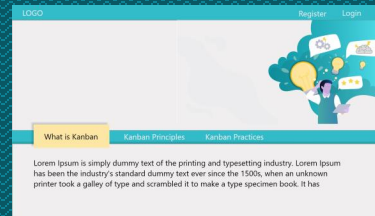
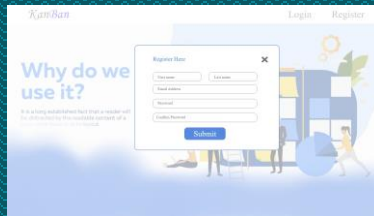
To Do Tasks Work limit: 99 Work In Progress Tasks Work limit: 99 Done Tasks Work limit: 99

Invite Team Members

Email Address

Send Invitation

Mockups



Font

LATO - REGULAR

The Kanban Board L 1 I

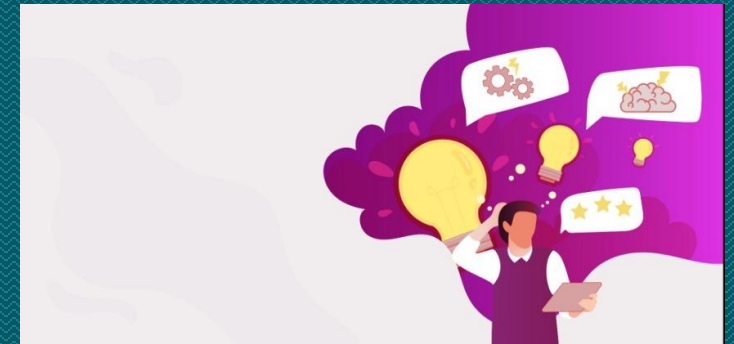
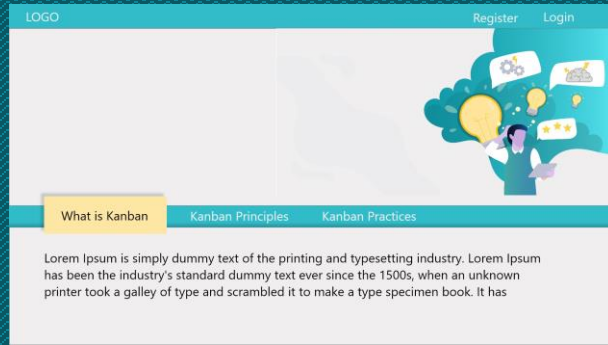
Times New Roman

The Kanban Board L 1 I

Century Gothic

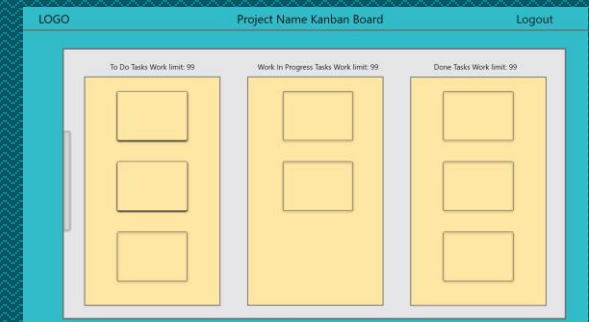
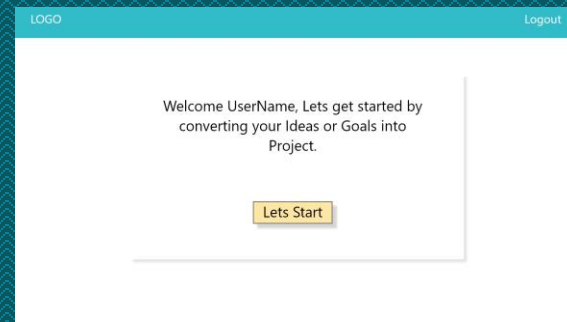
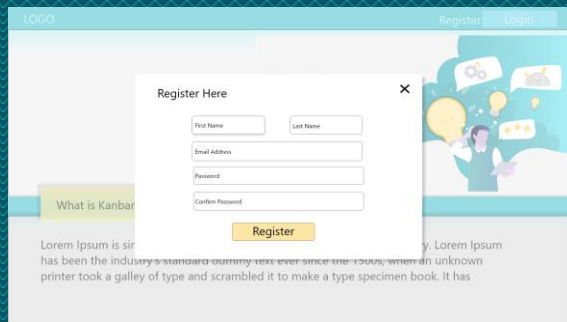
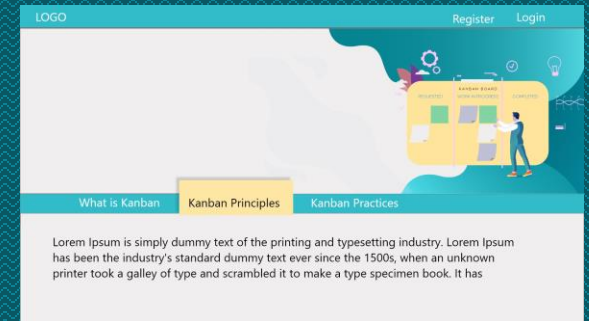
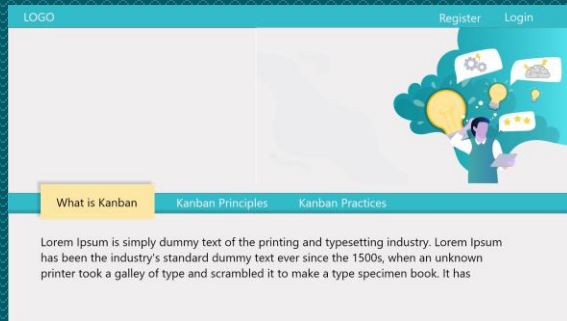
The Kanban Board L 1 I

Color



green - #31a354
blue - #2c7fb8

Final Mockups



Accessibility

Accessible Rich Internet Applications (ARIA)

```
1 <!-- Login Modal -->
2 <div>
3 <div class="modal fade" id="loginModal" tabindex="-1" role="login form" aria-labelledby="loginModalTitle"
4   aria-hidden="true">
5   <div class="modal-dialog modal-dialog-centered" role="login form">
6     <div class="modal-content">
7       <div class="modal-header">
8         <h4 class="modal-title" id="loginModalTitle">Login</h4>
9         <button type="button" class="close" data-dismiss="modal" aria-label="close">
10           <span aria-hidden="true">&times;</span>
11         </button>
12       </div>
13       <div class="modal-body">
14         <form #loginForm="ngForm" role="form" id="login-form" aria-labelledby="login-form" (ngSubmit)="onLogin(loginForm)">
15           <div class="form-group row mt-1">
16             <label for="email" class="col-sm-2 col-form-label" id="email-label">Email</label>
17             <div class="col-sm-8">
18               <input type="email" class="form-control" name="email" id="email" placeholder="Enter Email"
19                 [class.is-invalid]="email.invalid && email.touched" #email="ngModel" aria-labeledby="email"
20                 [(ngModel)]= "user.email" required aria-describedby="enter your email"
21                 pattern="^[a-zA-Z0-9_ .+-]+@[a-zA-Z0-9-]+\.[a-zA-Z0-9-.]+$">
22               <span class="text-danger" *ngIf="email.errors?.required && email.touched">Email is required</span>
23               <span class="text-danger" *ngIf="email.errors?.pattern && email.touched">Email is invalid</span>
24             </div>
25           </div>
26           <div class="form-group row">
27             <label for="password" class="col-sm-2 col-form-label" id="password-label">Password</label>
```

Development Stage

Technologies.



Challenges

Angular

Drag and Drop

In- App tutorials

Responsive form in Angular

Application Demo

Use Case 1: As a user I want to register into the application so that I can onvert my goal into project.

Application Demo

Use Case 2: As a user I want to update the status of the Task so that I can keep my project updated.

Review Stage

Usability Testing

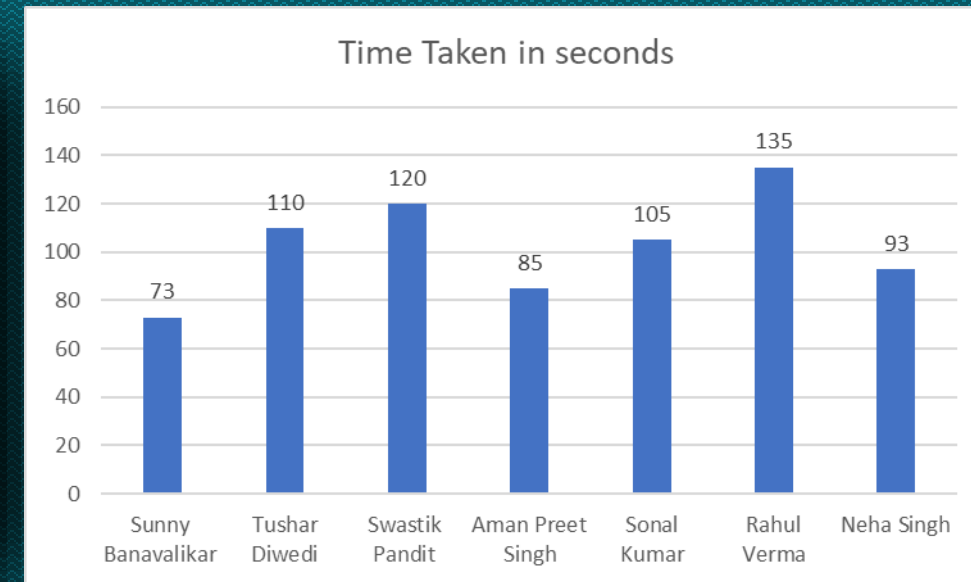
- Conduct Usability testing over skype and team viewer.
- 7 Different users i.e. Students Professionals.
- Asked questions related to Application
- Review and Feedback about the application

Questions

- What the application is about
- Were you able to learn about the application from landing page and In – App tutorials
- Time Taken in order to create project and task
- Rate Usability of application
- Feedback.

FEEDBACKS

- Application is too slow.
- Simple and easy to use.
- Good to have
- Add more feature of Collaboration
- Add Attachment feature.



Design Principles

Adherence to Gestalt principles

Adherence to dialog principles

Adherence to Presentation of Information.

Conclusion



Thank You

References

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