

January 2021

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					25	26	27	28	29	30	31		

Monday 18

INTRODUCTION

- A library Management designed to manage and automate the various operations of a library. It helps librarians, track, and maintains book, digital resource, and user records.

PURPOSE & :-

- The primary purpose of LMS is to improve the efficiency of library operations, reduce manual workload and enhance the user experience. It allows users to search for books, borrow and return them.

ନିଷ୍ଠା ଓ ଅଧିକାରୀ ସମ୍ପଲତାର ଚାରିକାଠି ।

January 2021



Om Shanti

19 Tuesday

and manage their accounts online.

features

- Book management :- cataloging adding and updating book records
- user management :- tracking student, faculty, and staff memberships
- Borrow & Returning :- Automating book issuance and return
- Search & cataloging :- Allowing users to search for book easily

January 2021

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fine Management) -

Wednesday 20

Tracking overdue book and calculating fine

Digital Resource Management) -

Managing e-books, journals and
research papers

Benefits of a library management system

- Time saving - Automates repetitive task
- Accuracy & efficiency : Reduces human errors in record - keeping
- Better user experience - provide easy book searching and tracking

To have love for God is to love humanity.

January 2021



Om Shanti

21 Thursday

- Security: → Prevents unauthorized access and book losses.
- Scalability: can be enhanced to accommodate more users and book.

Date: 13 - 01 - 2025

January 2021

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① Setting up a Spring Boot Friday 22 project in vs code

① Download and Install Java JDK

- Download JDK 17 or later from Oracle or open JDK
- Verify Installation:

Java - Version

② Install

- Install from Apache

- Verify Installation

mvn - version

③ Install visual studio code & extensions

दृढ़ता ही सफलता की चाबी है।

January 2021



Om Shanti

23 Saturday

- Install the VS Code Code Extension
 - Spring Boot Extension Pack.
 - Java Extension Pack
 - Lombok annotations support for VS Code
- * Create a Spring Boot Project :-

24 Sunday

→ open Spring initializer in a browser.
Start Spring boot

Real temperature control is to extinguish the heat of anger.

January 2021

M	T	W	T	F	S	S	M	T	W	T	F	S	S
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② Select :

Monday 25

• project : Maven

• language : Java

• Spring Boot Version : 3.2

③ Dependencies :

• spring web

• spring Thymeleaf

• Dev

• JPA (Spring data JPA)

• Validation

• Lombok

• MySQL - drivers

এ সংস্কর জয় পরাজয়র খেল, এহাকু নাটক ভাবি উপভোগ কর।

January 2021



Om Shanti

26 Tuesday

- ① Click generate · the download the ~~way~~ ZIP file
- ② Extract the project and open it in VS code

19001-035

शुभ चिन्तन द्वारा नेगेटिव बातों को पॉजिटिव में परिवर्तन करो।

14-01-25

January 2021

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→ Issue solving of vs code Wednesday 27

→ Environment setting of MySQL

→ Installation of Springboot in vs code

Content extension

- Basic idea about Spring boot

- Creating zip folder on flavourshub.

extraction of file

- creating bin file on static folder

→ Creating home.html on template

folder

True victory means complete control over the sense organs.

15 - 01 - 25



Om Shanti

January 2021

28 Thursday

Designing of Project

The landing page:

The landing page serves as the first point of interaction for users.

- Navigation Bar : Added a responsive navigation bar with links to key sections such as Home, Menu, About us, Contact and Login / Signup.
- Hero Section : Include a large, eye-catching image of delicious food with a captivating headline.

ପରିଚନ ପତନର ଜଡ, ସୁରିଜନ ଉନ୍ନତିର ସିଦ୍ଧି।

16-01-25

January 2021

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Designing of Landing page Friday 29

- Applied a consistent color palette reflecting a food-centric theme.

Responsive Design

- Footer :- Included contact information, social media links and quick navigation options.
- Ensured the landing page is responsive & adapting.

ऊँच विचार और सद्व्यवहार वाला ही इस जग में महान है।

Jan/Feb 2021



13 - 01 - 25

Om Shanti

30 Saturday

Designing landing page

- Added concise and engaging content section highlighting the platform's key feature such as explore food popular food category etc.
- Used HTML CSS and added Javascript for interactive elements such as smooth scrolling and hover effect

31 Sunday Scrolling and hover effect

Deserve before you desire.

20 - 01 - 25

February 2021

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Designing of PDP

Monday 01

- worked on designing the product detail page (PDP) for the flavour-hub web application
- It displays detailed information about a selected food item, providing users with essential details to make informed purchasing decisions which include
 - Header and Navigation
 - Displayed a high-resolution image of the food item with the option to view multiple images in a carousel format

End Date
21.01.25

ସଦା ସୁରକ୍ଷିତ ରହିବା ପାଇଁ ନମ୍ବରାର କବତ ଧାରଣ କରନ୍ତୁ।

21-01-25

February 2021



Om Shanti

02 Tuesday

Designing of PDP page

Added key details including product Name, price, Description, Rating & review.

- Added an add to cart button with a quantity selector, allowing user to specify the number of items they want to order
- Included a visual confirmation message when an item is added to the cart

उदासी को अपना दासी बनाओ, उसे चेहरे पर आने न दो।

22 - 01 - 25

February 2021

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Admin Dashboard Design

Wednesday 03

- worked on designing the Admin Dashboard for the flower hub web application.

It includes

- added fixed sidebar menu with link to homepage, orders, customers, categories, products, budget and logout link.
- applied icons and hover effect to enhance user experience (UX)

Cleanliness is next to Godliness.

23 - 01 - 25

February 2021



Om Shanti

04 Thursday Admin Dashboard design

- Worked on Dashboard Overview Section
 - Displayed key metrics:
 - Total orders
 - Completed orders
 - Orders in progress
 - Pending orders
 - Cancelled orders
- Worked on order management section
- Admin Dashboard Design a 24 / 01 / 25

Admin Dashboard Design

- Worked on category design page
- Applied product page and customer page

ଉଦ୍‌ବାନଙ୍କ ଉପରେ ସମ୍ପୂର୍ଣ୍ଣ ବିଶ୍ୱାସ ରହିଲେ ଚିତ୍ରା ଓ ଉଯ୍ୟର ମୁକ୍ତ ହୋଇଯିବା।

25 - 01 - 25

February 2021

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Admin Dashboard Design

Friday 05

- worked on overall design of admin dashboard which include search, button navigation bar.
- Added icons and some newer effects.

कोई भी इच्छा, अच्छा बनाने नहीं देगी इसलिए इच्छा मात्रम् अविद्या बनो।



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February 2021



Om Shanti

06 Saturday

Git & GitHub

- Installation & Download of Git and git hub
- How to push code to github.
- GitHub & Git hub commands to git & git hub
- Other feature Including creating new branch and issue new ticket etc

07 Sunday

27 / 01 / 25

February 2021

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creation of controller page

Inlet

Monday 08

- worked on developing the controller layer for the flavour hub web application

o the controller handles user request process them and return appropriate response

- created controller classes

- Admin controller

- user controller

- product controller

Done on
27.01.25

ଶୈର୍ଷ ଓ ପ୍ରସନ୍ନତା ପରମ ଦୋଷଧୂ ଥିଲେ ।

February 2021



Om Shanti

09 Tuesday

order controller

- Menu controller
- payment controller
- Delivery controller

सत्य बोलो, मधुर बोलो, कम बोलो और धीरे बोलो।

28 / 01 / 25

February 2021

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Controller class

- Wednesday 10
- used http methods appropriately like
 - GET (Retrievne data)
 - POST (Add new data)
 - PUT (update existing data)
 - DELETE (Remove data)

29 / 01 / 25

Controller class

- Implemented input validation using Springboot's @ valid annotation to prevent incorrect data submission

Peace is simply an experience, but peace of mind is a way of life.

February 2021



Om Shanti

11 Thursday

- Spring MVC is used.
- Java for backend logic implement

ସାର୍ଥକୁ ଉଦ୍ଦେଶ୍ୟରେ ଚହିବା ହିଁ ପରୋପକାରୀର ଲକ୍ଷଣ ।

30 / 01 / 25

February 2021

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entity class

Friday 12

- worked on developing the entity layer for the flavour hub web application
- each entity class represents data from tables and maps the data to Java objects, enabling smooth interaction with MySQL database through JPA

entity class

entity class

31 / 01 / 25

Developed separate entity classes

like category entity, product entity, delivery, order, order item, payment

परेशान को अपनी शान में स्थित कर देना ही सबसे अच्छी सेवा है।

February 2021



Om Shanti

13 Saturday

wire, widget factory class

- created Auditabl interface class
which implements to other classes.
- The getter, setter methods used.

14 Sunday

To give happiness to others is a great act of charity.

February 2021

3/2/25

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entity class

Utilized JPA annotations for table mapping

Monday 15

- `@ Entity` → specifies the class as a JPA Entity

- `@ Table (name = "table-name")`

maps the class to the corresponding table in the database

→ `@ Id`, `@ Generated value`, `@ column`

etc

Summary
3/2/25

ଜନ୍ମିତି ଆକର୍ଷଣ ସବୁ ଦୁଃଖର କାରଣ।

February 2021



Om Shanti

04/02/20

16 Tuesday

- Added validation annotation to ensure data integrity
 - @NotNull
 - @Size
 - @Email

05/02/25

Creating Repositories

- worked on developing the repository layer for the flavour hub web application
- developed separate Repository for key entities
 - Product Repository
 - Category Repository
 - Widget Repository
 - User Repository

स्वयं के मन को स्थिर करने के लिये हर परिस्थिति में शीतल रहो।

February 2021

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6/02/25

Wednesday 17

used Spring Data

JPA to extend the JPA Repository interface, providing built-in methods like

- findAll()

- find by Id()

- save (entity)

- delete By ()

07/2/25

- Added custom query methods to specify data efficiently

- find by category

- find by status etc

- used Spring boot JPA for DRM

Great souls become humble after their victory.



8 | 2 | 25

February 2021

Om Shanti

18 Thursday

- worked on enum class
- created Delivery Status , Order Status , payment method , payment status , userRole , widget Status classes for enum

9 | 2 | 25

- worked on product controllers
- class to fetch the page using get mapping -

ପରସର ପ୍ରେମରେ ବଞ୍ଚିବା ହିଁ ଜୀବନ ।



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10 | 02 | 25

February 2021

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Friday 19

→ created admin order page

which include all the type of information

like orderID, customer name and address
etc.

Done
10.02.25

11 | 02 | 25

- worked on database table on mysql

- inserted values to the database.

टकराव से बचना है तो सरलचित्त और नम्रचित्त बनो।

February 2021



Om Shanti

12 | 02 | 25

20 Saturday

- Worked on CSS of admin dashboard
- Overall theme adjustment and other design.

13 | 02 | 25

→ Learn about Entity Entity Relationship

21 Sunday

World Meditation Day

- Collection interface and about
the list like Array list, linked list
Vector Stack etc.

Keep the mind calm, intellect merciful and speech soft and sweet.

February 2021

14 / 02 / 25

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learn on JDBC connection Monday 22
which include http - request
of dispatcher servlet / front controller
handle mapper , controllers , view
resolver etc.

15 / 02 / 25

- one learn and implement fragment
on adoren dashboard
- created a fragment file of html
↳ css which which can include

ଦୁଃଖୀ ହେବାର କାରଣ ପରିସ୍ଥିତିକୁ ଜାବୁଡ଼ି ଧରିବା।

February 2021



Om Shanti

23 Tuesday

all common codes which can be reuse
in other html file

16 / 02 / 25

→ Merge the code on the
- get hub

- The conflict occur and resolve
the Conflict

17 / 02 / 25

- Learn about UUID universally unique
Identifier . which are 128-bit labels used
to uniquely identify object in computer
system

Suresh
[7-02-25]

दिव्यगुणों का शृंगार ही सच्चा शृंगार है।



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February 2021

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Implement et on entity

Wednesday 24

class uses @generated value & strategy = UUID)

18 / 02 / 25

- worked on data table of category food item page along with ab mapped using first mapping.

20 / 02 / 25

multiple foods for each category

19 / 02 / 25

- worked on category page and product page with the help of ab mapped

- using thymeleaf spring boot dependency render the data -

Positive thoughts generate power, negative ones waste it.

February 2021



Om Shanti

20 / 02 / 25

25 Thursday

- Completed the admin category page and predicted page design

- worked in its database

21 / 02 / 25

- Implemented CRUD operations

(Create, Read, Update, Delete)

to manage allowing seamless interface

interaction with the MySQL Database

ସର୍ବଶ୍ରେଷ୍ଠ ଶୃଙ୍ଗାର ହର୍ଷତ ଚେହେରା।

February 2021

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22 / 02 / 25

Friday

26

utilized thymeleaf template

engine for rendering dynamic HTML

content & displaying real-time data

from the backend

23 / 02 / 25

create new ticket and new branch
through github

Merge the running code to the master
branch

वे व्यक्ति कभी अकेले नहीं हैं जिनके पास सुन्दर विचार हैं।

Feb/March 2021



Om Shanti

24 / 02 / 25

27

Saturday

→ Developed dynamic data table on category and products page of the web application using Spring boot & Thymeleaf

- Utilized Hibernate (ORM Object Relational Mapping) to interact with mysql database

~~Done~~
25/02/25

28

Sunday

25 / 02 / 25

- Integrated custom search and filter options enabling user to easily locate specific categories and product.

An honest man never fears the eyes of strangers

March 2021

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Monday 01

26/02/25

- Ensured data consistency and integrity - using hibernate's cascading operation and validation annotation
- worked on ess of ordmen blackboard

27/02/25

- Created employee table
- Learn about spring boot security
- Implement it using ~~any token~~ token

ଛିଶ୍ରବୀଯ ଝାନ ଦ୍ୱାରା ଆପଣିକ ଶକ୍ତିର ବିକାଶ ହୁଏ।

March 2021



Om Shanti

28/02/25

02 Tuesday

- Integrated Spring Boot Security to protect the endpoint, category, product, ensuring controlled access based on user roles and permission
- Applied role-based authentication
 - ↳ authorization, restricting access to sensitive operation to authorized user only

विशेष आत्मा बनना है तो सबकी विशेषताओं को देरवो।

March 2021

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01 | 03 | 25

Wednesday 03

- used BCrypt password encoding
to securely store & verify user
credentials

- added custom login and logout functionality
with proper session handling

2 | 03 | 25

- Ensured CSRF token - Set

Request integrity protection by enabling
CSRF tokens in forms

If you give your heart to God, you will not get heart attacks.

March 2021



Om Shanti

04 Thursday

03/03/25

- created config folder and Security config class under IP where used @ Bean, Bcrypt password encoder (12) which will convert the password to Hash form

~~Done~~
05/03/25

04/03/25

- Developed the UserService class as part of flavours Hub application using Spring boot handling business logic related to user operation
- Implemented dependency injection with @ Authorised to integrate the user Repository for seamless interaction with MySQL database

ସବୁ ପରିଷ୍କାରିତରେ ଶାତଳ ରହିବା ସୁଧ୍ୟ ମନର ପରିଚାୟକ।

March 2021

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Friday 05

05/03/25

- Added the getuser & Sfetch emails method to fetch the entire user entity, providing detailed user information.

- Applied long exception handling using or else throw ()

26/03/25

- worked on upload - image
- Created a folder upload - image out in the employees
- put it on get - ignore
- upload image for the category and product page

इन्डियों का आकर्षण ही सर्व प्रकार की अशान्ति का मूल कारण है।

March 2021



Om Shanti

07/03/25

06 Saturday

- Created place order page - which will confirm the order placed successfully
- Link it to the place orders button in add to cart page

8/03/25

- completed place order page design and link

07 Sunday

- worked on overall admin dashboard design page

The lie you tell today will force you to lie again tomorrow.

March 2021

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9/03/25 Monday 08

- Worked on Search button
- used JPA Report Repository <FoodItem>, changing to leveraging truff - ch - (RUD) operation and simply database interaction

10/03/25

- Implemented the search by food Name containing Ignored case (string foodName) method to perform Case-insensitive search for food items by name
- used Spring Data JPA's method naming conventions to automatically generated query implementation ~~Query~~ reducing the need for customer SQL queries

11.03.25

ଆହାର ମନ୍ତ୍ରସ୍ୟକୁ ଅଳକାରହାନ କରିଦିଏ



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09

Tuesday

11/03/25

RP

11/03/25

- worked on backend of widget page and data table

12/03/05

Created widget entity class

- linked it to the database

अहंकार मनुष्य को अलंकारहीन बनाता है।

March 2021

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- worked on login & sign up errors and fix it. Wednesday 10

13/ 02/ 25

Created widget repository

Render data from database to front end

14/ 02/ 25

- created widget test front and page

- create .csv file of widget test which have product id and widget id.

God gives and forgives. Man gets and forgets.

March 2021



Om Shanti

11 Thursday

15/03/25

- On Admen dashboard render the dynamics data from the database and show it on frontend

16/03/25

- worked on Spring security
- Applied parallax effect in the front end for enhanced design
- worked on classes of widget page under admen dashboard.

ପବିତ୍ରତା ହିଁ ସୁଖ ଶାନ୍ତିର ଜନନୀ

March 2021

M	T	W	T	F	S	S	M	T	W	T	F	S	S
1	2	3	4	5	6	7	8	9	10	11	12	13	14
15	16	17	18	19	20	21	22	23	24	25	26	27	28
29	30	31											

17/03/20 Friday 12

- Spoke adjustment and overall design of budget front end and budget test page.

- Add modal to the budget html page to show budget test page

Omraam
18-03-25

18/03/25

- created DTO Repository under repository folder to extend JPA Repository
- worked on backend of budget and budget test page.

पुण्य कर्म ही विद्या के समय मनुष्य के सच्चे मित्र हैं।

March 2021



Om Shanti

13 Saturday

19/03/25

- created edit and delete button
on category and product page
under admin dashboard.

- worked on delete button.

14 Sunday

20/03/25

- created edit and delete button
on product page.

- created & also repository under

repository folder

Faith in God means no fear.

March 2021

M	T	W	T	F	S	S	M	T	W	T	F	S	S
1	2	3	4	5	6	7	8	9	10	11	12	13	14
15	16	17	18	19	20	21	22	23	24	25	26	27	28
29	30	31											

Monday 15

21 / 03 / 25

- worked on backend of edit & and delete -
- merge code to the github
- worked on security . class & security of product page.

22 / 03 / 25

- worked on overall edit & delete button
- fix the error
- completion of all design & backend of admin dashboard

ଯୁଷ ଦୂର୍ଭାଗ୍ୟ ଆମର ଦୃଷ୍ଟିକୋଣ ।

2021
22.03.25