

SET TASK 2

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EATABLES

• Abstract

EATABLES is a location-based food discovery platform that allows users to explore and find new dining options. Users can access information about nearby restaurants, including contact details, location, and reviews from other users. They can leave their own reviews, add food items to favorites, and upload food vlog videos through the "drops" feature. The platform offers filtered search results based on price and allows users to submit new restaurant additions for review by the admin. EATABLES aims to provide a comprehensive and engaging experience for users to discover, share, and review food options in their area.

• Objective of the Project

The objective of the EATABLES project is to provide users with a convenient and comprehensive platform to discover new food options based on their location.

The project aims to fulfil the following objectives

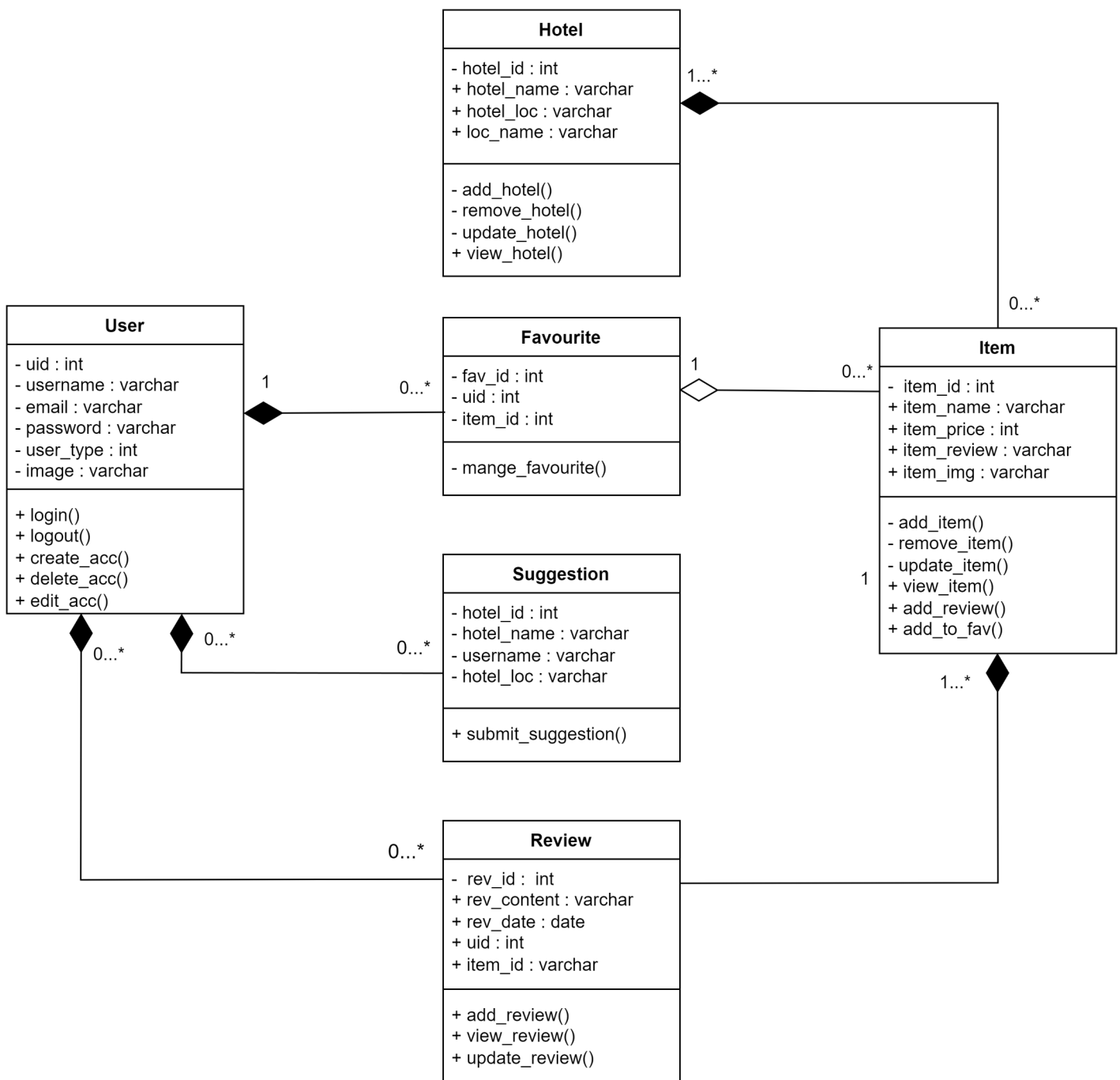
- **Location-based Food Discovery:** Enable users to find nearby restaurants, view their information, and read reviews from other users, helping them make informed dining choices.
- **User Reviews and Engagement:** Allow users to leave their own reviews, fostering a community-driven approach and facilitating knowledge sharing about dining experiences.
- **Favourites List:** Provide users with the ability to create a personalized list of favourite food items or restaurants for easy reference and future visits.
- **Drops Feature:** Allow users to upload and share food vlog videos, enhancing engagement and providing a platform for users to discover and appreciate food-related content.
- **Price Filtering:** Offer users the option to filter search results based on price, ensuring that they can find dining options that align with their budget or desired price range.
- **Restaurant Submission:** Enable users to suggest new restaurants to be added to the platform, ensuring the continuous growth and relevance of the database.

Overall, the objective of the EATABLES project is to enhance the dining experience for users by providing them with a user-friendly platform that leverages location data, user reviews, engagement features, and personalized preferences to facilitate food discovery and decision-making.

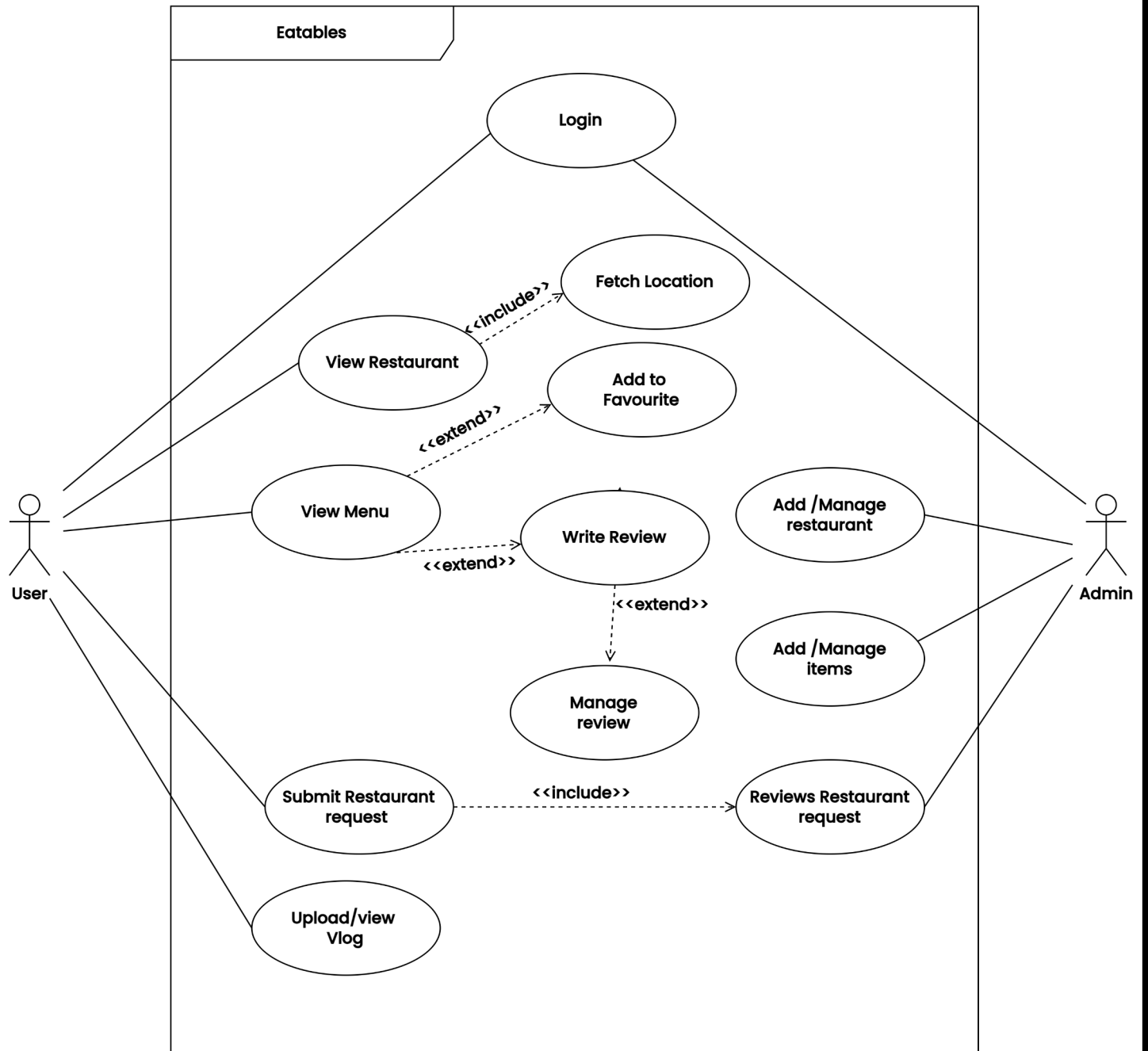
• MODELS USED

The development approach was a mix of Agile and iterative methods. The development process involved making continuous improvements in small, incremental steps. Think of it as constructing and refining different components of the project bit by bit. This approach was driven by regular feedback and adjustments, ensuring that the project evolved effectively to meet its goals.

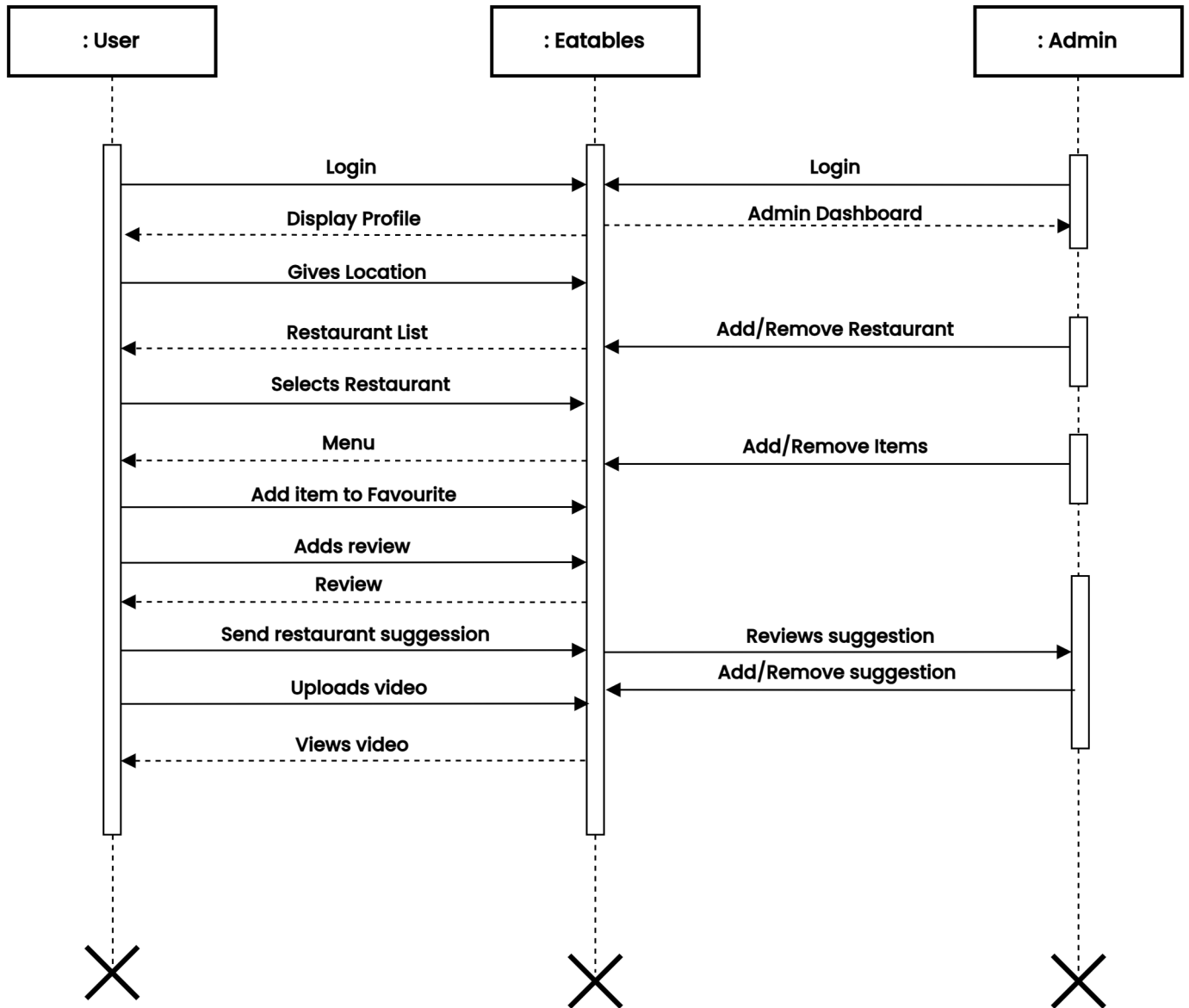
• CLASS DIAGRAM



• USE CASE DIAGRAM



- SEQUENCE DIAGRAM



• TEST CASES

Sign up form:

Test Case ID	Test Condition	Expected Output	Result
1	If all field empty	Fill all the credentials	Success
2	If full name field empty	Please enter your full name	Success
3	If username field empty	Please enter your user name	Success
4	If email field empty	Please enter your email address	Success
5	If password field empty	Please enter a password	Success
6	If password confirm field empty	Please confirm your password	Success
7	If full name field consist number/special characters	Only alphabets and whitespaces are allowed	Success
8	If username field consist of less than 4 or greater than 15 characters	Username requires 4 - 15 characters	Success
9	If user name field consist number/special characters/whitespace/uppercase	Only lowercase letters are allowed	Success
10	If user name field consist of existing username	Username already taken	
11	If email field consist of invalid email	Invalid email format	Success
12	If email field consisting of existing email	Account already exist for this email	Success
13	If password field consist of less than 8 characters	Minimum 8 characters required	Success

14	If password field does not contain combination of number and letter	Combination of alphabets and numbers required	Success
15	If confirm password field does not match password field	Password entered does not match	Success
16	If all credentials are valid	Account created successfully and redirect to login page.	Success

Login form:

Test Case ID	Test Condition	Expected Output	Result
1	If username field empty	Please fill out this field	Success
2	If password field empty	Please fill out this field	Success
3	If inputs wrong username	User not found	Success
4	If inputs wrong password	Password incorrect	Success
5	If user clicks on forgot password	Redirect to reset password page	Success
6	If username and password are valid for user	Redirect to user home page	Success
7	If username and password are valid for admin	Redirect to admin profile page	Success

Home page:

Test Case ID	Test Condition	Expected Output	Result
1	If user types restaurant name in search box.	Display similar restaurant names under search box	Success
2	If user clicks on eatables logo.	Page refreshes	Success

3	If user clicks on Drops icon	Redirect to Drops page	Success
4	If user clicks on profile icon	Redirect to user profile page	Success
5	If user chooses a restaurant name	Redirect to item details page	Success
6	If user click on assistant	Open filter window	Success
7	If user applies price filter	Display items based on the price	Success
8	If user clicks on Submit restaurant in footer	Redirect to restaurant suggestion page	Success

Submit restaurant:

Test ID	Case	Test Condition	Expected Output	Result
1		If restaurant name field empty	Display please fill out this field	Success
2		If location field empty	Display please fill out this field	Success
3		If ratings field empty	Display please fill out this field	Success
4		If link field empty	Display please fill out this field	Success
5		If description field empty	Display please fill out this field	Success
6		If all fields are valid	Display submit message and redirect to user profile page	Success

Hotel page:

Test ID	Case	Test Condition	Expected Output	Result
1		If user clicks on contact number	Dial the contact number	Success
2		If user clicks on email	Open gmail and	Success

		compose a new mail	
3	If user clicks/drag on map	Show location of the restaurant	Success
4	If user clicks on zomato icon	Redirect to zomato page of the restaurant	Success
5	If user clicks on an item	Redirect to item details page	Success
6	If user clicks on number in pagination	Redirect to the page	Success
7	If user clicks on eatables	Redirect to home page	Success

Item page:

Test ID	Case	Test Condition	Expected Output	Result
1		If user clicks on eatables	Redirect to home page	Success
2		If user clicks on profile icon	Redirect to user profile page	Success
3		If user clicks on add to favourite/remove favourite	Item is added/removed from favourites accordingly	Success
4		If clicked on share icon	Website URL is copied to clipboard	Success
5		If tried to submit empty review	Display please fill out this field	Success
6		If user submits review	Store review and display it in the same page in the review section.	Success
7		If user clicks on logout icon	Log out and redirect to login page	Success

Drops page:

Test ID	Case	Test Condition	Expected Output	Result
1		If user clicks on eatables	Redirect to home page	Success

2	If user clicks on profile icon	Redirect to user profile page	Success
3	If user clicks in home icon	Redirect to index page	Success
4	If user clicks on heart icon	Like/dislike the video	Success
5	If user click/tap in the video	Play/pause the video	Success
6	If user click on the video icon	Open upload video window	Success

User profile

Test Case ID	Test Condition	Expected Output	Result
1	If clicked on eatables	Redirect to home page	Success
2	If clicked on drop icon	Redirect to drops page	Success
3	If clicked on video icon	Open drop upload window	Success
4	If clicked on logout icon	Log out and redirect to login page	Success
5	If clicked on camera icon	Redirect to edit profile page	Success
6	If clicked on edit profile button	Redirect to edit profile page	Success
7	If clicked on Favourites	Display items in user's favourite list	Success
8	If clicked on the delete icon on the favourite item	Remove from favourite	Success
9	If clicked on Drops	Display drops uploaded by the user	Success
10	If clicked on Reviews	Display reviews uploaded by the user	Success
11	If clicked on delete icon in reviews	Delete the review and redirect to the same page	Success
12	If clicked on submit restaurant in footer	Redirect to restaurant suggest form page	Success

Admin panel

Test Case ID	Test Condition	Expected Output	Result
1	If clicked on add new restaurant	Display form to add new restaurant	Success
2	If clicked on manage restaurant	Display list of all restaurants with edit and delete button	Success
3	If clicked on add item	Display form to add new item	Success
4	If clicked on user suggestion	Display all restaurant suggestions submitted by different users	Success
5	If clicked on admin logo	Redirect to admin profile page	Success

• CONCLUSION:

EATABLES is a user-friendly platform that offers a seamless dining experience, providing users with a one-stop solution for exploring new food options. The platform's innovative features, including geolocation-based restaurant suggestions, community-driven reviews, and personalized favourites lists, make it easy for users to find the perfect dining spot based on their preferences. With its user-centric design and advanced technology, EATABLES is the ultimate tool for anyone looking to discover new culinary delights.
