Dhirubhai Ambani Institute of Information and Communication Technology

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IT-314

Software Engineering

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Lab Group – 4

Lab 2: User stories & User cases

Que 1: Dataset: g04-recycling.txt

No.	User Stories	Correct/Incorrect
1	As a user, I want to click on the address, so that it takes me to a new tab with Google Maps.	Correct
2	As a user, I want to be able to anonymously view public information, so that I know about recycling centres near me before creating an account.	Incorrect
3	As a user, I want to be able to enter my zip code and get a list of nearby recycling facilities, so that I can determine which ones I should consider.	Correct
4	As a user, I want to be able to get the hours of each recycling facility, so that I can arrange drop-offs on my off days or during after-work hours.	Correct
5	As a user, I want to have a flexible pick-up time, so that I can more conveniently use the website.	Incorrect
6	As a user, I want to be able to select different types of recyclable waste, so I have and get a list of facilities that accept each type and their opening hours, so that I can find an optimal route and schedule.	Incorrect
7	As a user, I want to add donation centres as favourites on my profile, so that I can view them later.	Incorrect
8	As a user, I want to be able to give my email ID, so that I can receive notifications for new events as they are posted.	Correct
9	As a user, I want to be able to view a map display of the public recycling bins around my area.	Incorrect
10	As a user, I want to be able to view a map display of the special waste drop off sites around my area.	Incorrect
11	As a user, I want to be able to view the safe disposal events currently being organized around my area.	Incorrect

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12	As a user, I want to choose a flexible pick-up time, so that I can more conveniently use the website.	Incorrect
13	As a user, I want to view user documentation for the website, so that I know how to use the web app.	Correct
14	As a user, I want to get feedback when I enter an invalid zip code.	Incorrect
15	As a user, I want to be able to create an account, so that I can create my own profile.	Correct
16	As an admin, I want to be able to add or remove recycling facilities' information, so that users get the most recent information.	Correct
17	As an admin, I want to be able to read users' feedback and complaints, so that we can add more features and keep improving the service we provide to them.	Correct
18	As a user, I want to be able to check transaction history and keep a record of it, so that I can go back when needed.	Correct
19	As a user, I want to have a great UI and UX from the sites, so that I have a pleasant experience when navigating through them.	Correct
20	As a user, I want to be able to access the site and do all the other stuff on all of my electronic devices.	Incorrect
21	As an admin, I want to be able to block specific users based on IP address, so that I can prevent spamming on the websites.	Correct
22	As an admin, I want to view a dashboard that monitors all the sites' statuses, so that I can have a sense of what people are doing on our sites and know the service status.	Correct
23	As an admin, I want to have all data encrypted, so that important information will not be stolen during a server breach or an attack.	Correct
24	As an executive, I want to have full access to data related to my company, so that I can have a sense of my company's performance.	Correct

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25	As an employee, I want to access the route planning system during work, so that I can be guided through the neighbourhood.	Correct
26	As an employee from the HR department, I want to have access to the full information of all employees working for this business.	Incorrect
27	As a developer, I want to access an API from the website, so that I can integrate it and implement certain features in my own iOS application.	Correct
28	As a user, I want to be able to receive tempting rewards, so that I have a reason to use the website.	Correct
29	As a user, I want to have my personal information kept securely in the database of the website, so that I will not suffer from identity theft or telephone harassment.	Correct
30	As an admin, I want to handle all users' activities, so that I can manage more efficiently.	Correct
31	As a company, I want to have a website that is easy to use, so that I can upload or delete stuff step by step.	Incorrect
32	As an employee, I want to get quick notifications, so that I can process cases the first time.	Correct
33	As a company accountant, I want to view all available activity fees online, so that I can easily create a bill statement.	Correct
34	As a developer, I want to use bootstrap in the process of developing, so that I can easily design my website.	Incorrect
35	As a developer, I want to attend some UI/UX lessons, so that I can develop awesome and beautiful features on the website.	Incorrect
36	As a user, I want to view all locations of recycling centres on a map, so that I can check which routes to take to drop off waste.	Correct
37	As a user, I want to upload my week's schedule, so that I can get recommendations for recycling centres that best fit my availability.	Correct

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38	As a user, I want to link my email account to my profile, so that I can get a temporary password in case I forget my own one.	Correct
39	As a user, I want to contact the administrators, so that I can give feedback or ask for help.	Incorrect
40	As an admin, I want to add recycling centre information, so that I can keep the database up-to-date over time.	Correct
41	As an admin, I want to view user error logs, so that I can fix or review any issues that are being faced by users of the system.	Correct
42	As an admin, I want to onboard recycling centres on the platform, so that I can increase information accuracy.	Correct
43	As a superuser, I want to update the recycling centre information, so that I can provide the latest information about the recycling centre.	Correct
44	As a superuser, I want to view users' stats, so that I can view in real-time how many users have visited my recycling centre information and their recyclable waste.	Correct
45	As a superuser, I want to reply to user questions, so that I can answer any questions about my recycling centre.	Correct
46	As an admin, I want to be able to have a dashboard that shows usage stats and locations, so that I can identify the neighbourhoods with the largest number of drop-offs and to try getting more facilities involved.	Correct
47	As an admin, I want to be able to communicate directly with facilities, so that I can keep them updated about features we have on our website.	Correct
48	As a user, I want to be able to browse through the list of facilities and see which ones are environment-friendly, so that I can know for sure my waste is not going to leave a negative ecological footprint.	Correct
49	As a recycling facility representative, I want to be able to update my information and the type of material I accept, so that I can avoid any miscommunication with users.	Correct

50	As a recycling facility representative, I want to have access to user stats and schedules, so that I can adjust my hours and/or upgrade equipment and capacity in order to be able to accommodate larger amounts of recyclable materials.	Correct
51	As a recycling facility, I want to be able to communicate directly with the site admin and convey any issues or concerns I have, so that they fix them.	Correct

Acceptance Criteria:

1. As a user, I want to click on the address, so that it takes me to a new tab with Google Maps.

➤ If the user is registered in the website and wants to know the address of any recycling facilities and if the website has the location of that recycling facility, then the user can go to that location.

2. As a user, I want to be able to give my email ID, so that I can receive notifications for new events as they are posted.

➤ While registration, if a user gives his/her email id then he/she should get notified whenever new events are organized or new posts are posted.

3. As an admin, I want to be able to add or remove recycling facilities' information, so that users get the most recent information.

➤ If admin shows that some new facilities are willing to register on the website or some old facilities are not more active now then admin can add or remove the information of the facilities.

4. As an admin, I want to be able to communicate directly with facilities, so that I can keep them updated about features we have on our website.

➤ The admin must be able to send and receive messages from facilities through a dedicated communication interface. Facilities must receive notifications for new messages and be able to respond directly to the admin.

5. As a recycling facility representative, I want to be able to update my information and the type of material I accept, so that I can avoid any miscommunication with users.

➤ The representative must be able to access and edit their facility information and material types through a user-friendly interface. Updates made by the representative should be saved and reflected in real-time on the public-facing website to ensure accuracy.

6. As a recycling facility, I want to be able to communicate directly with the site admin and convey any issues or concerns I have, so that they fix them.

➢ The recycling facility must have access to a messaging system where they can send messages directly to the site admin. The facility should receive a confirmation notification when a message is sent and be able to view responses from the admin within the messaging system.

7. As a superuser, I want to reply to user questions, so that I can answer any questions about my recycling centre.

➢ The superuser must be able to view and reply to user questions through a dedicated interface. The system should notify the superuser of new questions and display replies in real-time to ensure timely communication.

8. As an admin, I want to view user error logs, so that I can fix or review any issues that are being faced by users of the system.

➢ The admin must be able to access a comprehensive list of user error logs through a dedicated interface. The logs should include details such as error messages, timestamps, and user actions leading to the errors, and should be filterable by date and severity.

9. As a user, I want to view all locations of recycling centres on a map, so that I can check which routes to take to drop off waste.

➢ The user must be able to view a map displaying all recycling centre locations with markers. The map should allow users to interact with markers to view details about each recycling centre, including address and operating hours.

10. As an employee, I want to get quick notifications, so that I can process cases the first time.

➢ The employee must receive real-time notifications for new cases or updates through a dedicated notification system. Notifications should include essential details such as case ID and summary to enable prompt action.

11. As an admin, I want to handle all users' activities, so that I can manage more efficiently.

➢ The admin must have access to a comprehensive dashboard displaying all user activities, including logins, actions, and changes. The admin should be able to filter, search, and take action on user activities, such as suspending accounts or editing user details, from within the dashboard.

12. As a user, I want to be able to receive tempting rewards, so that I have a reason to use the website.

➢ The user must be able to view and redeem rewards through a dedicated rewards section on the website. The system should offer enticing rewards based on user activity or milestones and notify users when they are eligible for or have earned rewards.

13. As an employee, I want to access the route planning system during work, so that I can be guided through the neighbourhood.

➢ The employee must have access to the route planning system through a secure login during work hours. The system should provide real-time route guidance and updates based on current location and predefined routes for neighbourhood navigation.

14. As an executive, I want to have full access to data related to my company, so that I can have a sense of my company's performance.

➢ The executive must have full access to all relevant company data, including financials, sales, and employee metrics, ensuring no critical information is missing. The data should be presented in an easy-to-use format, with intuitive dashboards and reports that allow the executive to quickly assess the company's performance.

15. As an admin, I want to view a dashboard that monitors all the sites' statuses, so that I can have a sense of what people are doing on our sites and know the service status.

➢ The admin must be able to view real-time status updates of all sites, including metrics like uptime, active users, and any ongoing issues or alerts. The dashboard should provide insights into user activities on the sites, such as the number of visitors, pages viewed, and user interactions, allowing the admin to understand what people are doing on the sites

Que 2: **User stories:** A Taxi App

1. As a passenger, I want to be able to log in into the app so that I am able to use the app's features and book the cab for my ride.
2. As a passenger, I want to book a ride by entering arrival and destination location so that I can reach to the destination at my desired time.
3. As a passenger, I want to receive notifications so that I can know that whether my ride is accepted and confirmed by any driver or not.
4. As a passenger, I want to track my ride so that I can see the location of my cab driver and the estimated arrival time in case of instant arrival request.
5. As a passenger, I want to pay for my ride through different payment methods so that I don't have to suffer for any change issues or other problems.
6. As a passenger, I want to rate and give review of my ride experience so that other passengers can also get details before their ride.
7. As a driver, I want to receive requests for rides so that I can accept it according to my availability and pick-up the passengers.
8. As a driver, I want to accept or reject ride request according to my availability.
9. As a driver, I want to track the passenger's current and destination location using a map so that I can pick and drop them up without any inconvenience.
10. As a driver, I want to mark a ride as completed so that the fare of the ride can be calculated after I drop off the passenger to the destination.
11. As a driver, I want to be able to view history of my previous rides so that I can calculate my income.
12. As an admin, I want to manage user(passengers & driver) accounts so that I can solve any complaints and give feedback to them.

13. As an admin, I want to track rides regularly so that I can manage operations and solve issues instantly.
14. As an admin, I want to generate certain reports on daily/weekly/monthly/yearly basis so that I can analyse the revenue generation and ride activities in particular time intervals.

Que 3: UML Diagram: