



Sri Lanka Institute of Information Technology
Information Technology

Project (IT2080)

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Chandika Lights – Lighting and functional services management system

Agile Activity Report

Team:

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Introduction

Chandika Light is a business in Kalutara district that offers functional and lighting services. Despite operating in Kalutara, the business serves clients beyond its local area. Recognizing the need to connect with clients, the business seeks to develop a web application. This application, the Lighting and Functional Services Management System, aims to simplify business operations. The owner's challenges with manual management have been the reason for the development of this system. The team has identified key requirements and functionalities based on the owner's needs. These include employee management, services and marketing management, rental management, inventory management, finance management, feedback and review management, and reservation management systems. The administrator will oversee all aspects of the web application to ensure smooth operations.

Employee management consists of managing employees of business, managing their salaries. The Services management component will make people aware of all the available services of the business. The rental management component will record all the items bought from 3rd parties outside of the business. Inventory management will allow us to get an idea about the all the details of the inventory available which will be analyzed by the owner to make future decisions. Finance management will allow to record all the income and expenses of the business. Feedback and review component will collect all the opinions given by the users. A reservation management component will be used when reserving a business service for customer needs. This document will describe the user stories and agile development method used. The must things which should be included in our final project are also mentioned here.

IT22550262 – Liyanage H.H

Services and Marketing management

Feature	User story id	User story	Tasks
Log in to the system	1	“As an administrator, I want to login to the system so I can manage services”	1.Create a login page 2.Create a login form 3.Validate login from the database
	2	“As an administrator, I want to login to the system so I can manage our company’s marketing expenses”	
Create a new package	3	“As an administrator, I want to add new seasonal packages which are offered for each season to the services section”	1.Create add services page 2. Check all the information added to the form including expiration date 3. Return success message when added
Edit a package	4	“As an administrator, I want to update existing package when there could be a change.”	1. Create update services page 2. Show already showing details of the package 3. Add new details 4. Update button to add new values to the database and return those values in service page

Delete a package	5	“As an administrator, I want to delete an existing package when it has expired.”	<ol style="list-style-type: none"> 1. On the services page create delete button. 2. Show the relevant package with its details. 3. Add a delete button 4. Delete the service and remove the information from the database 5. Return to the services page
Retrieving all the services available	6	“As a customer, I want to view all the available services along with packages for my event so that I can make an informed reservation.”	<ol style="list-style-type: none"> 1. Create services page 2. View all the packages and services available with its updated details. 3. Search option in the services page to filter all the packages by certain criteria.
Recording marketing expenses	7	“As an administrator, I want to record our company’s marketing expenditure so that I can have future marketing plans accordingly.”	<ol style="list-style-type: none"> 1. Create marketing expenditure page 2. Allow user to record marketing service and its expenditure 3. Save the information in the database
Generate Reports	8	“As an administrator, I want to generate a report of my marketing expenditure	<ol style="list-style-type: none"> 1. Design a report interface with all the marketing expenditure.

		for future decision making.”	2. Design a date entry field and generate report button to generate a report of marketing expenditure for a certain period.
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IT22032706-Dissanayaka R.M.L.R

Epic – Employee Management

Feature	User Story Id	User Story	Tasks
Log in to the system	9	“As an administrator, I want to be able to log in to the system securely, so that I can access administrative functions and manage the system effectively.”	<ol style="list-style-type: none"> 1. Design a user-friendly interface for the admin login page 2. Develop backend authentication functionality to verify admin credentials securely. 3. Implement session management to monitor active admin sessions securely. 4. Conduct thorough testing of the login process using different admin accounts to ensure both security and usability.

Logout	10	<p>“As an administrator, I want the ability to log out securely from the system, so that I can end my session safely and maintain system security.”</p>	<ol style="list-style-type: none"> 1. Create an intuitive user interface for the logout functionality. 2. Implement backend functionality to invalidate the admin session upon logout securely. 3. Redirect the admin to the login page after successful logout for enhanced security.
Reset Password	11	<p>“As an administrator, I want to be able to reset my password if forgotten, so that I can regain access to the system and continue managing it securely.”</p>	<ol style="list-style-type: none"> 1.Design a user-friendly interface for the password reset functionality. 2.Develop backend functionality to generate and dispatch a password reset link to the admin's email address securely. 3.Create a password reset form for admins to input a new password securely.

			<p>4.Implement backend functionality to update the admin's password in the database securely.</p> <p>5.Thoroughly test the password reset process to ensure administrators can successfully reset their passwords and regain access to the system securely</p>
Employee Registration	12	<p>“As an administrator I want to be able to manage employee’s details and add them to the system, so that I can keep track of the current employees.”</p>	<ol style="list-style-type: none"> 1. Create an Employee Registration form. 2. Implement input validations. 3. Collect Employee data and store it in the database.
Update Employees	13	<p>"As an Administrator, I want to update employee details such as contact information or job title, so that employee records are always up to date."</p>	<ol style="list-style-type: none"> 1. Implement functionality to search for the employee whose details need to be updated. 2. Display current employee details for verification and editing. 3. Allow administrators to make changes to employee information. 4.

			<ol style="list-style-type: none"> 5. Validate updated information to ensure accuracy and consistency. 6. Store updated employee details in the database. 7. Display a success message after a successful update.
Remove Employee	14	"As an Administrator, I want to be able to remove an employee from the system, so that their records are no longer accessible."	<ol style="list-style-type: none"> 1. Implement functionality to search for the employee to be removed. 2. Display employee details for verification before removal. 3. Confirm removal action with a prompt for confirmation. 4. Remove employee records from the database upon confirmation. 5. Display a success message after successful removal
Employee Salary Management	15	"As an Administrator, I want to manage employee salaries, so that I can ensure accurate compensation for each employee."	<ol style="list-style-type: none"> 1. Create Salary Assignment UI 2. Implement input validations 3. Collect salary-related information such as basic

			<p>salary, bonuses, and overtime payments.</p> <p>4. Collect data and store in the database.</p> <p>5. Implement functions to update details</p>
Generate Monthly Reports	16	"As an Administrator, I want to generate monthly reports displaying employee salary information, so that I can track payroll expenses."	<p>1. Design a report generation interface or page.</p> <p>2. Retrieve salary data for the specified month from the database.</p> <p>3. Calculate total payroll expenses for the month.</p> <p>4. Generate a report displaying salary details for each employee.</p>
Search for Employees	17	"As an Administrator, I want to search for employees based on different criteria, So that I can quickly find specific employees."	<p>1. Implement a search functionality within the employee management system.</p> <p>2. Provide options to search by employee name, position, department, or any other relevant criteria.</p>

IT22269584 – A.M.R.M Adikari

Epic – Feedback and Review Management

Feature	User Story ID	User Story	Tasks
Login to the system	18	<p>“As a customer, I want a login system so that I can give feedback and review.”</p> <p>“As an admin, I want a login system so that I can manage users feedback.”</p>	<ol style="list-style-type: none">1. Create a Login page.2. Create a Login form.3. Validate login credentials.4. Redirect the user to the relevant web user.
Logout	19	<p>“As a customer, I want to log out from the system so that it adds more security to the system.”</p>	<ol style="list-style-type: none">1. Create a Logout page.2. Implement backend functionality to invalidate the administrator session upon logout3. Create a Logout confirmation page.
Reset Password	20	<p>“As a customer, I want to reset my password in case of forgotten the password.”</p>	<ol style="list-style-type: none">1. Create a reset password page.2. Store the new password

			<p>credentials in the database.</p> <p>3. Create a reset password confirmation page.</p>
Provide feedback	21	<p>“As a customer, I want to be able to give my feedback about the service that I received and also edit or delete my feedback. So that I can express my satisfaction with the services.”</p>	<p>1. Create feedback form.</p> <p>2. Implement the backend logic to store feedback details in the database.</p> <p>3. Create options to edit and delete provided feedback after viewing them.</p>
Approve feedback	22	<p>“As an admin, I want to be able to see and validate user feedback, so that I can display them on the page.”</p> <p>“As an admin, I want to delete unnecessary feedback from the page:”</p>	<p>1. Create a webpage to display the available feedback list.</p> <p>2. Implement backend logic to delete feedback and reviews”.</p>

Generate reports	23	<p>“As an admin, I want to be able to generate feedback and rating reports, so that I can make changes to the services according to the user requirements.”</p>	<ol style="list-style-type: none"> 1. Design a reporting interface for successful feedback records. 2. Provide an option to filter details and represent them in charts. 3. Add an option to download the reports.
View feedback	24	<p>“As an admin, I want to be able to see the feedback and ratings given by the customers, so that I can adjust services according to their requirements.”</p>	<ol style="list-style-type: none"> 1. Create a profile to feedback and reviews. 2. Implement backend logic to fetch and display all the feedback and reviews. 3. Direct the customer feedback to the comment section.

IT22280138 – Jayasooriya H.M.S.M.

Epic – Inventory Management

Feature	User Story Id	User Story	Tasks
Log in to the system	25	“As an administrator, I want to be able to log in to the system securely, so that I can access administrative functions and manage the system.”	<ol style="list-style-type: none">1. Design user interface for the administrator login page.2. Implement backend authentication functionality to verify administrator credentials.3. Implement session management to keep track of logged-in administrators.4. Test the login process with different administrator accounts to ensure security and usability.
Logout	26	“As an administrator, I want to be able to log out of the system, so that I can securely end my session.”	<ol style="list-style-type: none">1. Design user interface for the logout functionality.2. Implement backend functionality to invalidate the administrator session upon logout.3. Redirect the administrator to the login page after successful logout.
			<ol style="list-style-type: none">1. Design user interface for the password reset functionality.2. Implement backend functionality to generate and send a password reset

Reset Password	27	<p>“As an administrator, I want to be able to reset my password if I forget it, so that I can regain access to the system.”</p>	<p>link to the administrator's email address.</p> <ol style="list-style-type: none"> 3. Create a password reset form for administrators to input a new password. 4. Implement backend functionality to update the administrator's password in the database. 5. Test the password reset process to ensure that administrators can successfully reset their passwords and regain access to the system.
Add Equipment Items	28	<p>“As a system administrator, I want to be able to add new equipment items to the inventory, so that our stock records are always up-to-date.”</p>	<ol style="list-style-type: none"> 1. Design user interface for adding new equipment items. 2. Implement backend functionality to handle addition of equipment items to the database. 3. Validate input data to ensure accuracy and completeness. 4. Test the feature to ensure it works as expected.
Update Equipment Items	29	<p>“As a system administrator, I want to update information about existing equipment items, so that our inventory database remains current and reliable.”</p>	<ol style="list-style-type: none"> 1. Design user interface for updating equipment item details. 2. Implement backend functionality to allow editing of equipment item information. 3. Validate changes made to ensure data integrity.

			<ol style="list-style-type: none"> 4. Test the feature thoroughly to ensure it functions correctly.
Remove Equipment Items	30	<p>“As a system administrator, I want to be able to remove equipment items from the inventory, so that our database remains organized and efficient.”</p>	<ol style="list-style-type: none"> 1. Design user interface for deleting equipment items. 2. Implement backend functionality to handle deletion of equipment items from the database. 3. Prompt user for confirmation before deleting items to prevent accidental removal. 4. Test the feature to ensure it safely removes items without impacting other data.
Search and Filter Functionality	31	<p>“As a User, I want to be able to search for and filter equipment items, so that I can easily find what I need.”</p>	<ol style="list-style-type: none"> 1. Design user interface for searching and filtering equipment items. 2. Implement backend functionality to perform searches and apply filters based on user criteria. 3. Optimize search algorithms for efficiency and speed. 4. Test the feature with various search queries and filter options to ensure accuracy.
Generate Reports	32	<p>“As a system administrator, I want to generate reports on equipment inventory performance, so that I can make informed decisions about stock management.”</p>	<ol style="list-style-type: none"> 1. Define report requirements and formats. 2. Design user interface for selecting report parameters and generating reports. 3. Implement backend functionality to gather and process inventory data for report generation.

			4. Test the feature with different report configurations to ensure accuracy and reliability.
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IT22034540 – Kusalanjani J.P.N.

Epic – Finance Management

Feature	User Story Id	User Story	Tasks
Log in to the system	33	“As an admin, I want a login system so that I can manage finance.”	<ol style="list-style-type: none"> 1. Design user interface for the administrator login page. 2. Implement backend authentication functionality to verify administrator credentials. 3. Implement session management to keep track of logged-in administrators. 4. Test the login process with different administrator accounts to ensure security and usability.
Logout	34	“As an admin, I want to log out from the system so that it adds more security to the system.”	<ol style="list-style-type: none"> 4. Design user interface for the logout functionality. 5. Implement backend functionality to invalidate the administrator session upon logout. 6. Redirect the administrator to the login page after

			successful logout.
Reset Password	35	<p>“As an admin, I want to reset my password so that I can reset my password if I forget it.”</p>	<ol style="list-style-type: none"> 6. Design user interface for the password reset functionality. 7. Implement backend functionality to generate and send a password reset link to the administrator's email address. 8. Create a password reset form for administrators to input a new password. 9. Implement backend functionality to update the administrator's password in the database. 10. Test the password reset process to ensure that administrators can successfully reset their passwords and regain access to the system.
Create Transaction	36	<p>“As an admin, I want to create an income or expense transaction.”</p>	<ol style="list-style-type: none"> 1. Design a user-friendly collection transaction form. 2. Implement the backend logic to store financial details in the database. 3. Ensure validation for required fields and data accuracy.

		<p>“As an admin, I want to view status of the incomes (success or pending).”</p>	<ol style="list-style-type: none"> Design search and filter functionality for each invoice number. Implement backend logic to retrieve and display relevant transaction information. Implement backend logic to fetch and highlight.
View Transaction Details	37	<p>“As an admin, I want a dashboard to view all transaction details, including pictures of relevant invoice so that I can have an overview of each.”</p>	<ol style="list-style-type: none"> Design an admin dashboard with relevant data widgets. Implement backend logic to fetch and display all income and expenses information. Ensure data privacy and security measures for admin access.
		<p>“As an admin, I want to filter and search transaction details based on specific criteria so that I can quickly find the information I need.”</p>	<ol style="list-style-type: none"> Add search and filter functionalities to the admin dashboard. Implement backend logic to handle search and filter requests.
Financial log Management	38	<p>“As an admin, I want to edit existing transaction details so that I can update information compared to the bill or invoice.”</p>	<ol style="list-style-type: none"> Design a user interface for editing transaction details. Implement backend logic to update income/ expense information.
		<p>“As an admin, I want to delete record of the transaction so that I can remove it when necessary.”</p>	<ol style="list-style-type: none"> Add functionality to the user interface for deleting transaction record. Implement backend logic to handle transaction deletion requests.

Generate Reports	39	“As an admin, I want to generate a report on successfully completed transactions so that I can assess the overall revenue of the day.”	1. Design a reporting interface for successful transaction records.
		“As an admin, I want to generate a report on successfully completed transactions so that I can assess the overall revenue of the month.”	2. Implement backend logic to fetch and display data on completed transactions. 3. Design a reporting interface to calculate all income and outcome balance.

IT22640116 - MEEGODA A.I

Epic – Reservation Management

Feature	User Story Id	User Story	Tasks
Log in to the system	40	“As a user, I want a login system so that I can create reservations.”	5. Create a Login page. 6. Create a Login form.
		“As an admin, I want a login system so that I can manage user’s reservations.”	7. Validate login form data. 8. Store data in the database.
Logout	41	“As a user, I want to log out from the system so that it adds more security to the system.”	7. Create a Logout page. 8. Create a Logout confirm page.
Reset Password	42	“As a user, I want to reset my password so that I can reset my password if I forget it.”	11. Create a reset password page. 12. Create reset password done page. 13. Validate passwords. 14. Update the user’s table.

Create Reservation	43	“As a customer, I want to create an event reservation so that they can book lighting and functional services for their events.”	<p>7. Design a user-friendly reservation creation form.</p> <p>8. Implement the backend logic to store event details and client details in the database.</p> <p>9. Ensure validation for required fields and data accuracy.</p>
		“As a customer, I want to view available lighting services for specific events so that I can make an informed reservation.”	<p>10. Design search and filter functionality for available events.</p> <p>11. Implement backend logic to retrieve and display relevant event information.</p> <p>12. Design a calendar interface to display available reservation dates.</p>
		“As a client, I want to see available reservation dates on a calendar so that I can choose a suitable date for my event.”	<p>13. Implement backend logic to fetch and highlight available dates.</p>
View Clients Details including Event Details	44	“As an admin, I want a dashboard to view all client details, including event reservations so that I can have an overview of all ongoing activities.”	<p>6. Design an admin dashboard with relevant data widgets.</p> <p>7. Implement backend logic to fetch and display client and event information.</p> <p>8. Ensure data privacy and security measures for admin access.</p>
		“As an admin, I want to filter and search client details based on specific criteria so that I can quickly find the information I need.”	<p>9. Add search and filter functionalities to the admin dashboard.</p> <p>10. Implement backend logic to handle search and filter requests.</p>

User Reservations Management	45	“As a user, I want to edit my existing reservation details so that I can update information if needed.”	5. Design a user interface for editing reservation details.
		“As a user, I want to delete my reservation so that I can cancel it when necessary.”	6. Implement backend logic to update reservation information.
		“As a user, I want to view my reservation history so that I can track and review my past reservations.”	7. Add functionality to the user interface for deleting reservations. 8. Implement backend logic to handle reservation deletion requests.
Generate Reports	46	“As an admin, I want to generate a report on successfully completed reservations so that I can assess the overall success of events.”	9. Design a user interface to display reservation history. 10. Implement backend logic to fetch and display the user's reservation history.
		“As an admin, I want to generate a report on cancelled reservations so that I can analyse cancellation trends.”	4. Design a reporting interface for successful reservations. 5. Implement backend logic to fetch and present data on completed reservations. 6. Design a reporting interface for cancelled reservations. 7. Implement backend logic to fetch and present data on cancelled reservations.

IT22358202 – Galwatta B. N. P.

Epic – Rental Management

Feature	User Story Id	User Story	Tasks
Log in to the system	47	“As an administrator, I want to be able to log in to the system, so that I can manage rental orders.”	<ol style="list-style-type: none">5. Create a Login page.6. Create a Login form.7. Validate login form data.8. Store data in the database.
Logout	48	“As an administrator, I want to be able to log out of the system, so that I can securely end my session.”	<ol style="list-style-type: none">1. Create a logout page.2. Create a logout confirm page.
Reset Password	49	“As an administrator, I want to be able to reset my password, so that I can regain access to the system if I forget it.”	<ol style="list-style-type: none">15. Create a reset password page.16. Create reset password done page.17. Validate password.18. Update the administrator's password in the database.
View orders	50	<p>“As an administrator, I want a dashboard to view all rental details so that I can have a summary of all rental activities.”</p> <p>“As an administrator, I want to search and filter orders based</p>	<ol style="list-style-type: none">11. Design an admin dashboard with relevant data widgets.12. Implement backend logic to fetch and display rental order details.13. Ensure data privacy and security measures for admin access.14. Add search and filter functionalities to the

		on specific criteria so that I can find the specific order I need easily.”	<p>admin dashboard.</p> <p>15. Implement backend logic to handle search and filter requests.</p> <p>16. Design a user interface to display order history.</p> <p>17. Implement backend logic to fetch and display order history.</p>
Edit and delete orders	51	“As an administrator, I want to be able to modify my existing order details so that I can update information if necessary.”	<p>11. Design an interface for editing order details.</p> <p>12. Implement backend logic to update order details.</p> <p>13. Add functionality to the interface for deleting orders.</p>
		“As an administrator, I want to be able to delete previous orders so that I can remove any unnecessary orders.”	<p>14. Implement backend logic to handle order deletion requests.</p>
Generate Reports	52	“As an administrator, I want to generate a monthly report on each rental order of that month so that I can analyse expenses accurately.”	<p>8. Design a reporting interface for orders.</p> <p>9. Implement backend logic to fetch and present data of each order.</p>

IT22258380 – Jayasuriya R.R.S.A

Epic –Maintenance Management

Feature	User story id	User Story	Tasks
Log in to the system	53	As a system administrator I want a login system so that I can create maintenance schedules.	<ol style="list-style-type: none">1. Create a login page with login form.2. Validate login data.3. Store login data in the database.
Log out from the system	54	As a system administrator I want a log out from the system so that it add more security to the system.	<ol style="list-style-type: none">3. Create a logout page.4. Create a logout confirm page.
Reset Password	55	As a system administrator, I want to reset my password so that I can reset my password if I forget it.	<ol style="list-style-type: none">1. Create a reset password page.2. Create reset password done page.3. Validate passwords.4. Update the admin's table
Create Maintenance Schedules.	56	As a system administrator, I want to create maintenance schedules so that I can planning maintenance schedules.	<ol style="list-style-type: none">1. Create a maintenance scheduling page.2. Design a user-friendly scheduling form.3. Implement backend logic to store maintenance details in the database.

			<ol style="list-style-type: none"> 4. Verify that the newly created maintenance schedules appear correctly in the system's list of schedules. 5. Ensure data privacy and security. 6. Implement backend logic to retrieve maintenance details from database.
View Maintenance Schedules.	57	As a system administrator, I want to view maintenance schedules so that I can get ideas about maintenance schedules.	<ol style="list-style-type: none"> 1. Implement backend logic for display all data. 2. Add search and filter functions
Update Maintenance Schedules.	58	As a system administrator, I want to update maintenance schedules so that I can re correct the maintenance details.	<ol style="list-style-type: none"> 1. Create an update maintenance schedules page. 2. Implement backend logic to update maintenance details from database. 3. Verify that the updated maintenance schedules appear correctly in the system's list of schedules.

Delete Maintenance Schedules.	59	As a system administrator, I want to delete maintenance schedules so that I can delete unnecessary maintenance schedules.	<ol style="list-style-type: none"> 1. Create a delete maintenance schedules page. 2. Implement backend logic to delete maintenance details from database. 3. Verify that the deleted maintenance schedules do not appear in the system's list of schedules.
Generate Maintenance Schedules report	60	As a system administrator I want to Generate Maintenance Schedules report that I can get decisions about maintenance schedules.	<ol style="list-style-type: none"> 1. Implement backend logic to Generate Maintenance Schedules report. 2. Provide an option to filter details and represent them. 3. Add an option to download the timetable.

Product Backlog

Priority Scale

1 - Highest Priority

2 - Normal Priority

3 - Least Priority

User Story ID	User Story	Estimated Hours	Priority	Status
3	"As an administrator, I want to add new seasonal packages which are offered for each season to the services section"	02	1	To be started
6	"As a customer, I want to view all the available services along with packages for my event so that I can make an informed reservation."	02	1	To be started
8	"As an administrator, I want to generate a report of my marketing expenditure for future decision making."	02	2	To be started
12	"As an administrator I want to be able to manage employee's details and add them to the system, so that I can keep track of the current employees."	02	1	To be started
15	"As an Administrator, I want to manage employee salaries, so that I can ensure accurate compensation for each employee."	01	2	To be started
16	"As an Administrator, I want to generate monthly reports displaying employee salary information, so that I can track payroll expenses."	02	2	To be started
17	As an Administrator, I want to search for employees based on different criteria, so that I can quickly find specific employees."	02	3	To be started
21	"As an admin, I want to be able to see the feedback and ratings given by the customers, so that I can	02	1	To be started

	adjust services according to their requirements.”			
23	“As an admin, I want to be able to generate feedback and rating reports, so that I can make changes to the services according to the user requirements.”	02	2	To be started
24	“As a customer, I want to be able to give my feedback about the service that I received and also edit or delete my feedback. So that I can express my satisfaction with the services.”	01	3	To be started
28	“As a system administrator, I want to be able to add new equipment items to the inventory, so that our stock records are always up to date.”	02	1	To be started
29	“As a system administrator, I want to update information about existing equipment items, so that our inventory database remains current and reliable.”	02	1	To be started
31	“As a user, I want to be able to search for and filter equipment items, so that I can easily find what I need.”	01	3	To be started
30	“As a system administrator, I want to be able to remove equipment items from the inventory, so that our database remains organized and efficient.”	01	2	To be started
39	“As an admin, I want to generate a report on successfully completed transactions so that I can assess the overall revenue of the day.”	03	3	To be started
38	“As an admin, I want to edit existing transaction details so that I can update information compared to the bill or invoice.”	02	2	To be started
36	“As an admin, I want to view status of the incomes (success or pending).”	01	1	To be started
43	“As a client, I want to see available reservation dates on a calendar so that I can choose a suitable date for my event.”	02	1	To be started

45	"As a user, I want to edit my existing reservation details so that I can update information if needed."	02	2	To be started
46	"As an admin, I want to generate a report on successfully completed reservations so that I can assess the overall success of events."	02	1	To be started
50	"As an administrator, I want a dashboard to view all rental details so that I can have a summary of all rental activities."	01	3	To be started
51	"As an administrator, I want to be able to modify my existing order details so that I can update information if necessary."	02	2	To be started
52	"As an administrator, I want to generate a monthly report on each rental order of that month so that I can analyze expenses accurately."	02	1	To be started
56	"As a system administrator, I want to create maintenance schedules so that I can planning maintenance schedules."	02	1	To be started
57	"As a system administrator, I want to view maintenance schedules so that I can get ideas about maintenance schedules."	01	2	To be started
58	"As a system administrator, I want to update maintenance schedules so that I can re correct the maintenance details."	01	1	To be started
60	"As a system administrator I want to Generate Maintenance Schedules report that I can get decisions about maintenance schedules."	01	1	To be started

Owner	Week	Tasks	Estimated time
Liyanage H.H (IT22550262)	Week 1	1. Implement backend functionality for adding services and packages.	1 ½ hour
		2. Design user interface for adding services and packages.	1 hour
		3. Conduct pre-testing of basic functionality.	½ hour
	Week 2	1. Develop front-end functionality for adding services and packages.	1 hour
		2. Implement backend functionality for updating services and packages.	1 hour
		3. Design user interface for updating details of packages.	1 ½ hour
	Week 3	1. Develop front-end functionality for updating services and packages.	1 hour
		2. Implement backend functionality for deleting a selected package.	1 ½ hour
		3. Design user interface for deleting packages.	1 ½ hour
		4. Conduct comprehensive testing and debugging.	½ hour
	Week 1	1. Implement backend functionality for employee registration.	2 hours
		2. Design a user interface for employee registration forms.	1 hour

Dissanayaka R.M.L.R (IT22032706)		3. Conduct initial testing of basic functionality.	½ hour
	Week2	1. Develop front-end functionality for employee registration.	1 hour
		2. Implement backend functionality for assigning salaries to employees.	1 hour
		3. Design a user interface for assigning salaries.	1 ½ hour
	Week 3	1. Develop front-end functionality for assigning salaries.	1 hour
		2. Implement backend functionality for updating employee details.	2 hours
		3. Design a user interface for updating employee details.	1 hour
		4. Conduct comprehensive testing and debugging.	½ hour
Adikari A.M.R.M (IT22269584)	Week 1	1. Implement backend functionality for adding feedback and review.	2 hours
		2. Design user interface for adding feedback and review.	1 hour
		3. Conduct initial testing of basic functionality.	½ hour
	Week 2	1. Develop frontend functionality for adding feedback and review.	1 hour

		2. Implement backend functionality for updating feedback and review.	1 ½ hour
		3. Design user interface for updating feedback and review.	1 hour
	Week 3	1. Develop frontend functionality for updating feedback and review.	1 hour
		2. Implement backend functionality for deleting feedback and review.	2 hours
		3. Design user interface for deleting feedback and review.	1 ½ hour
		4. Conduct comprehensive testing and debugging.	½ hour
	Jayasooriya H.M.S.M (IT22280138)	Week1	1. Implement backend functionality for adding equipment items.
2. Design user interface for adding equipment items.			1 hour
3. Conduct initial testing of basic functionality.			½ hour
Week 2		1. Develop frontend functionality for adding equipment items.	1 ½ hour
		2. Implement backend functionality for updating equipment items.	1 hour
		3. Design user interface for updating equipment items.	1 hour
Week 3		1. Develop frontend functionality for updating equipment items.	1 ½ hour

		2. Implement backend functionality for deleting equipment items.	1 ½ hour
		3. Design user interface for deleting equipment items.	1 hour
		4. Conduct comprehensive testing and debugging.	½ hour
Kusalanjani J.P.N. (IT22034540)	Week 1	1. Implement backend functionality for adding transaction records.	2 hours
		2. Design User interface for adding incomes and expense records.	1 hour
		3. Conduct initial testing of basic functionality.	½ hour
	Week 2	1. Develop front-end functionality for creating transaction record.	1 hour
		2. Implement back-end functionality for update records.	2 hours
		3. Design user interface for updating transaction records.	1 hour
	Week 3	1. Develop frontend functionality for updating transaction records.	2 hours
		2. Implement backend functionality for deleting transaction records.	1 hour

		3. Design user interface for deleting transaction records.	1 hour
		4. Conduct comprehensive testing and debugging.	½ hour
Meegoda A.I (IT22640116)	Week 1	1. Implement backend functionality for creating reservations.	2 hours
		2. Design user interface for creating reservations.	1 hour
		3. Conduct initial testing of basic functionality.	½ hour
	Week 2	1. Develop front-end functionality for creating reservations.	2 hours
		2. Implement backend functionality for updating reservations.	1 hour
		3. Design user interface for updating reservations.	1 hour
	Week 3	1. Develop frontend functionality for updating reservations.	2 hours
		2. Implement backend functionality for deleting reservations.	1 hour
		3. Design user interface for deleting reservations.	1 hour
		4. Conduct comprehensive testing and debugging.	½ hour

Galwatta B. N. P. (IT22358202)	Week 1	1. Implement backend functionality for adding rental orders.	2 hours
		2. Design user interface for adding rental orders.	1 hour
		3. Conduct initial testing of basic functionality.	½ hour
	Week 2	1. Develop frontend functionality for adding rental orders.	1 hour
		2. Implement backend functionality for updating rental orders.	2 hours
		3. Design user interface for updating rental orders.	1 hour
	Week 3	1. Develop frontend functionality for updating rental orders.	2 hours
		2. Implement backend functionality for deleting rental orders.	1 hour
		3. Design user interface for deleting rental orders.	1 hour
		4. Develop frontend functionality for deleting rental orders.	1 ½ hour
		5. Conduct comprehensive testing and debugging.	½ hour
	Week 1	1. Implement backend functionality for adding maintenance schedule.	2 hours
		2. Design user interface for adding maintenance schedule.	1 hour

Jayasuriya R.R.S.A (IT22258380)		3. Conduct initial testing of basic functionality.	½ hour
	Week 2	1. Develop frontend functionality for adding maintenance schedule.	2 hours
		2. Implement backend functionality for updating maintenance schedule.	1 hour
		3. Design user interface for updating maintenance schedule.	1 hour
	Week 3	1. Develop frontend functionality for updating maintenance schedule.	1 ½ hour
		2. Implement backend functionality for deleting maintenance schedule.	1 hour
		3. Design user interface for deleting maintenance schedule.	1 hour
		4. Conduct comprehensive testing and debugging.	½ hour

2nd Sprint

Owner	Week	Tasks	Estimated time
Liyanage H.H (IT22550262)	Week 1	1. Implement backend functionality for searching and filtering packages on relevant category.	2 hours
		2. Design user interface for searching and filtering available packages.	1 hour
		3. Conduct initial testing of search and filter functionality.	½ hour
	Week 2	1. Develop frontend functionality for searching and filtering packages.	2 hours
		2. Implement backend functionality for generating reports of marketing expenditure.	1 ½ hours
		3. Design user interface for generating reports.	1 hour
	Week 3	1. Develop frontend functionality for viewing and downloading reports.	1 hour
		2. Conduct comprehensive testing and debugging of all features included.	½ hour
		3. Prepare for release and deployment.	¼ hour
	Week 1	1. Implement backend functionality for searching and filtering employees.	1 hour

Dissanayaka R.M.L.R (IT22032706)		2. Design a user interface for searching and filtering employees.	1 ½ hour
		3. Conduct initial testing of search and filter functionality	½ hour
	Week2	1. Develop front-end functionality for searching and filtering employees.	1 hour
		2. Implement backend functionality for generating monthly reports.	2 hours
		3. Design a user interface for generating monthly reports.	1 hour
	Week 3	1. Develop frontend functionality for viewing and downloading monthly reports.	1 hour
		2. Conduct comprehensive testing and debugging of all features.	½ hour
		3. Prepare for release and deployment	¼ hour
Adikari A.M.R.M (IT22269584)	Week 1	1. Implement backend functionality for searching and filtering feedback and reviews.	2 hours
		2. Design user interface for searching and filtering feedback and reviews.	1 hour
		3. Conduct initial testing of search and filter functionality.	1 hour
	Week 2	1. Develop frontend functionality for searching and filtering feedback and reviews.	2 hours

		2. Implement backend functionality for generating reports.	1 ½ hours
		3. Design user interface for generating reports	1 hour
	Week 3	1. Develop frontend functionality for viewing and downloading reports.	1 hour
		2. Conduct comprehensive testing and debugging of all features.	1 hour
		3. Prepare for release and development.	¼ hour
Jayasooriya H.M.S.M (IT22280138)	Week1	1. Implement backend functionality for searching and filtering equipment items.	2 hours
		2. Design user interface for searching and filtering equipment items.	1 hour
		3. Conduct initial testing of search and filter functionality	1 hour
	Week 2	1. Develop frontend functionality for searching and filtering equipment items.	1 ½ hour
		2. Implement backend functionality for generating reports.	2 hours
		3. Design user interface for generating reports.	1 hour
	Week 3	1. Develop frontend functionality for viewing and downloading reports.	1 hour

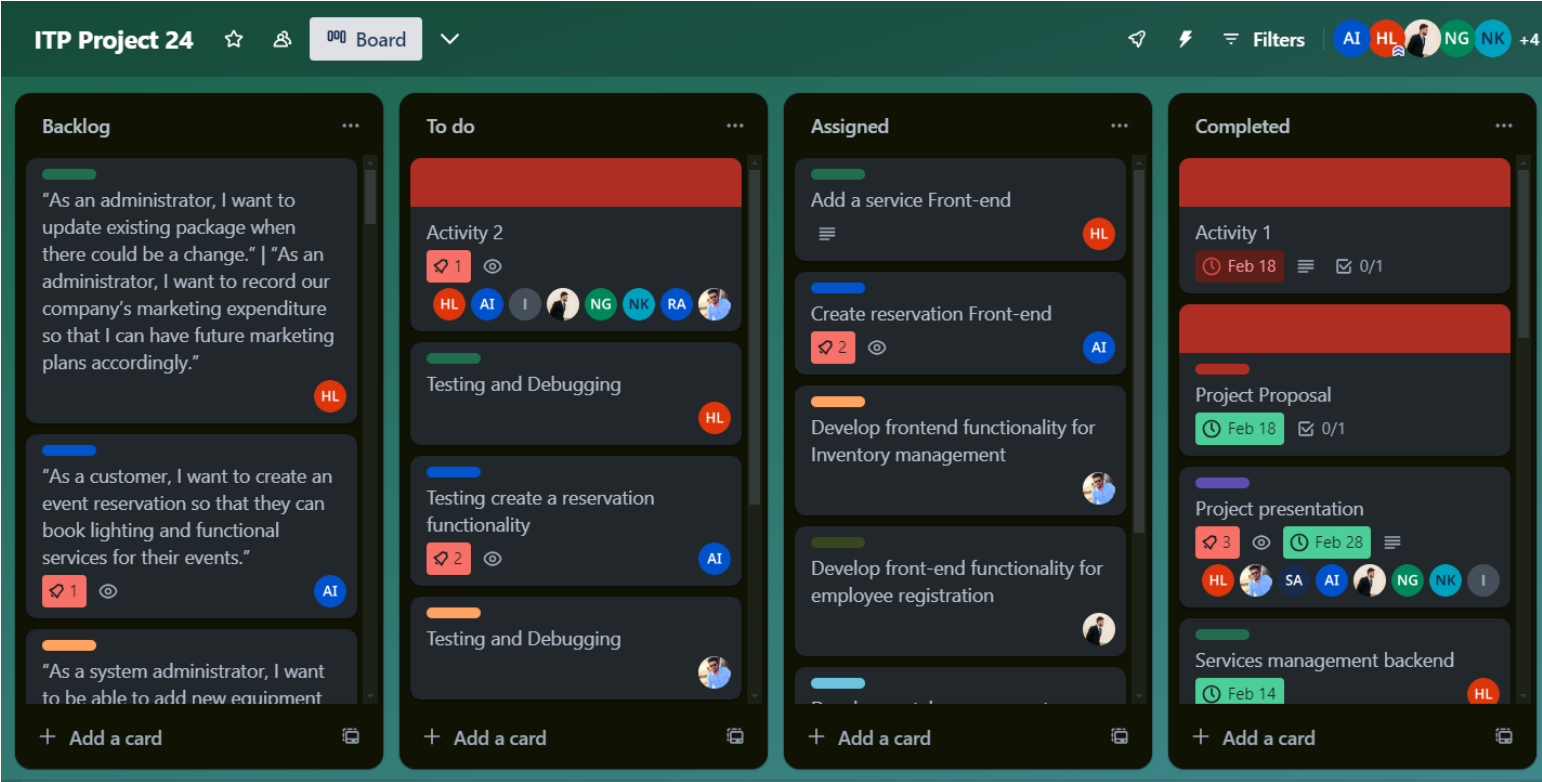
		2. Conduct comprehensive testing and debugging of all features.	1 ½ hour
		3. Prepare for release and deployment.	¼ hour
Kusalanjani J.P.N. (IT22034540)	Week 1	1. Implement backend functionality for searching and filtering transaction invoice.	2 hours
		2. Design user interface for searching and filtering transaction records.	1 hour
		3. Conduct initial testing of search and filter functionality.	1 hour
	Week 2	1. Develop frontend functionality for searching and filtering transaction invoice.	1 ½ hour
		2. Implement backend functionality for generating reports.	2 hours
		3. Design user interface for generating reports.	1 hour
	Week 3	1. Develop frontend functionality for viewing and downloading reports.	1 hour
		2. Conduct comprehensive testing and debugging of all features.	1 ½ hour
		3. Prepare for release and deployment.	¼ hour
	Week 1	1. Implement backend functionality for searching and filtering reservations.	2 hours

Meegoda A.I (IT22640116)			
		2. Design user interface for searching and filtering reservations.	1 ½ hour
		3. Conduct initial testing of search and filter functionality.	1 hour
	Week 2	1. Develop frontend functionality for searching and filtering reservations.	1 ½ hour
		2. Implement backend functionality for generating reports.	2 hours
		3. Design user interface for generating reports	1 hour
	Week 3	1. Develop frontend functionality for viewing and downloading reports.	1 ½ hour
		2. Conduct comprehensive testing and debugging of all features.	1 hour
		3. Prepare for release and deployment.	¼ hour
Galwatta B. N. P.	Week 1	1. Implement backend functionality for searching and filtering rental orders.	2 hours
		2. Design user interface for searching and filtering rental orders.	1 hour
		3. Conduct initial testing of search and filter functionality.	1 hour
	Week 2	1. Develop frontend functionality for searching and filtering rental orders.	2 hours

(IT22358202)		2. Implement backend functionality for generating reports.	2 hours
		3. Design user interface for generating reports.	1 hour
	Week 3	1. Develop frontend functionality for viewing and downloading reports.	2 hours
		2. Conduct comprehensive testing and debugging of all features.	1 ½ hour
		3. Prepare for release and deployment.	¼ hour
Jayasuriya R.R.S.A (IT22258380)	Week 1	1. Implement backend functionality for searching and filtering maintenance schedule.	2 hours
		2. Design user interface for searching and filtering maintenance schedule.	1 ½ hour
		3. Conduct initial testing of search and filter functionality.	1 hour
	Week 2	1. Develop frontend functionality for searching and filtering maintenance schedule.	1 hour
		2. Implement backend functionality for generating reports.	2 hours
		3. Design user interface for generating reports.	1 hour
	Week 3	1. Develop frontend functionality for viewing and downloading reports.	2 hours
		2. Conduct comprehensive testing and debugging of all features.	1 ½ hours

		3. Prepare for release and development.	¼ hours

Kanban Board





Backlog



"As a customer, I want to view all the available services along with packages for my event so that I can make an informed reservation."



"As an Administrator, I want to manage employee salaries, so that I can ensure accurate compensation for each employee."



"As an Administrator, I want to update employee details such as contact information or job title, so that employee records are always up to date."

+ Add a card



To do



Testing create a reservation functionality



Testing and Debugging



Testing and Debugging

Testing and Debugging



Testing and debugging



+ Add a card



Assigned



Develop frontend functionality for Inventory management



Develop front-end functionality for employee registration



Develop rental management frontend



Develop front-end for finance Management



+ Add a card



Completed



Completed backend for finance management



Completed backend for rental management



Completed backend for feedback management



All Done for maintenance management



+ Add a card

