

**IN
PARTNERSHIP
WITH
PLYMOUTH
UNIVERSITY**

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Module Code: SOFT255SL	Module Name: Software Engineering Internet Using Java
Coursework Title: SOFT255SL Individual Coursework	
Deadline Date: 20th August 2020	Member of staff responsible for coursework: Mrs. Chaminda Wijesinghe
Programme: BSc (Hons) Software Engineering	
<p>Please note that University Academic Regulations are available under Rules and Regulations on the University website www.plymouth.ac.uk/studenthandbook.</p>	
<p>Group work: please list all names of all participants formally associated with this work and state whether the work was undertaken alone or as part of a team. Please note you may be required to identify individual responsibility for component parts.</p>	
<p><i>We confirm that we have read and understood the Plymouth University regulations relating to Assessment Offences and that we are aware of the possible penalties for any breach of these regulations. We confirm that this is the independent work of the group.</i></p>	
<p>Signed on behalf of the group:</p>	
<p>Individual assignment: <i>I confirm that I have read and understood the Plymouth University regulations relating to Assessment Offences and that I am aware of the possible penalties for any breach of these regulations. I confirm that this is my own independent work.</i></p>	
<p>Signed: Kely</p>	
<p>Use of translation software: failure to declare that translation software or a similar writing aid has been used will be treated as an assessment offence.</p>	
<p>I *have used/not used translation software.</p>	
<p>If used, please state name of software.....</p>	
<p>Overall mark _____ % Assessors Initials _____ Date _____</p>	

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Introduction

Bike rental had become one of the most environmentally friendly business that attract many tourists and local people who love the beauty of nature with the sense of helping world's ozone layer too. There is this great cycle of progress that occurs when a city sees more bikes on the road. The infrastructure changes to accommodate those bikes. More bike lanes. More cycle tracks. More multi-use recreational paths. Then what happens? Well, these changes make cycling feel more accessible, easier, and safer for hesitant newbies. As a bonus, they also make the city safer for low-income residents who might rely on bikes as their primary form of transportation.

I plan to make website for bike rental service. There I hope to give more possibilities for customers. After customer can do their reservation online. It is more helpful and easiest thing. Customer can watch different bike categories and price and time duration, rental procedure. Also, customer can check the company's location using Google map.

Objectives

"Turbo" is an online bike rental booking service for tourists and bicycle enthusiasts looking for a relatively less expensive way to tour the city, get to work or a way to rent a specific bike for a specific reason. Considering the increasing dependence on the foreign oil and the effect pollutants from fossil fuels have on the atmosphere, riding bicycles more often is not only beneficial to our country's health and economy but also to our planets well beings.

Project Outcomes

There have few targets results for each task.

- Login page give chance register customer (and admin rights can be given via DB to existing user). Every customer must register account before rental procedure or feedback. After given login option for watch more details about service and do booking.
- We give chance from category page for select bicycle type and watch more details. Also, we give there booking facilities if they need book early.
- Rental procedure page we show how get rent bicycle and what need for procedure.
- About us page showed about us service, team and location details.
- When category page bike category option if select, its showing booking/feedback options. After redirect booking/feedback page for selected bicycle.
- If user is signed in user can book or give feedback for bikes, other users can see only other users' comments, but not bookings. Every user however can see his/her bookings from booking page.
- Admins can see/mark paid/delete all bookings from booking page also can see users e-mail for sending needed payment information.
- User can select from and to date for booking and make reservation for bike.
- Finally, will send booking details to user via email (not currently implemented on App level).
- On feedback page shows every feedback entry from feedback table by newest first
- After logged in user has clicked feedback/comment button under bike page, user is forwarded to Feedback entry page, where user can see brief bike details enter:
 - feedback title
 - feedback/comment text
- After saving comment, comment is uploaded to feedback table.
- Admins can see feedbacks on feedback page and delete unwanted ones if need be.
- Users can see other users' comments also, but all users' names are not fully shown for security/privacy reasons, only admins can see full user names on feedback page.

Problem in the existing system

Currently do not have website for this “turbo bike” service. There given many problems for us. Because less people know about information, sometimes customer does not satisfy if he/she cannot book expected bike. Because already it is taken. So, this system gives us reserve early bikes from anywhere. It is very helpful to customer and their satisfaction. Also, they can search bikes which are available and more information about. And it is given facility for customer feedback too. So, people can watch it before booking bike if need be.

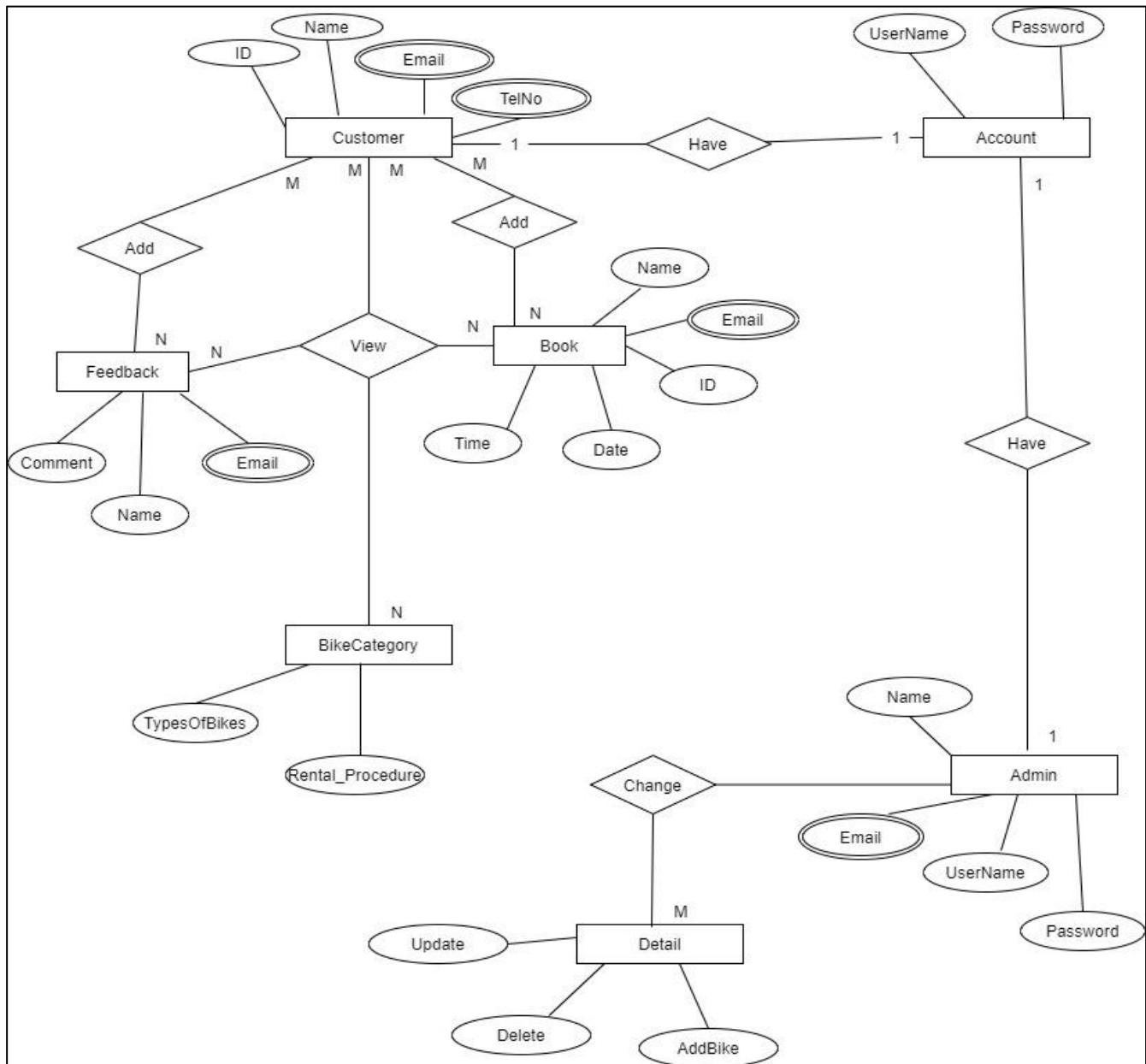
Resource Requirements

- **Hardware requirements**
 - ❖ Processor – At least 2.0GHZ
 - ❖ RAM – At least 2GB
- **Software requirements**
 - **On server side:**
 - ❖ Server Apache Tomcat 8 (or newer)
 - ❖ Java 8 or newer
 - ❖ Front end –JSP, HTML, CSS,
 - ❖ Back end – MySQL, Java, Servlet, JSP
 - **On client side:**
 - ❖ Editor instruments – NetBeans 8.2 (for product owner/programmer for editing)
 - ❖ Web browser – Google chrome, Firefox, or any up-to-date browser software either on Laptop, Desktop, Tablet, or smartphone
(Out-dated browser software and Internet Explorer browsers are not supported)
 - ❖ For editor also mysql-connector-java-8.0.20.jar is needed.
(This can be replaced by other jdbc mysql java driver but currently is used in this project!)

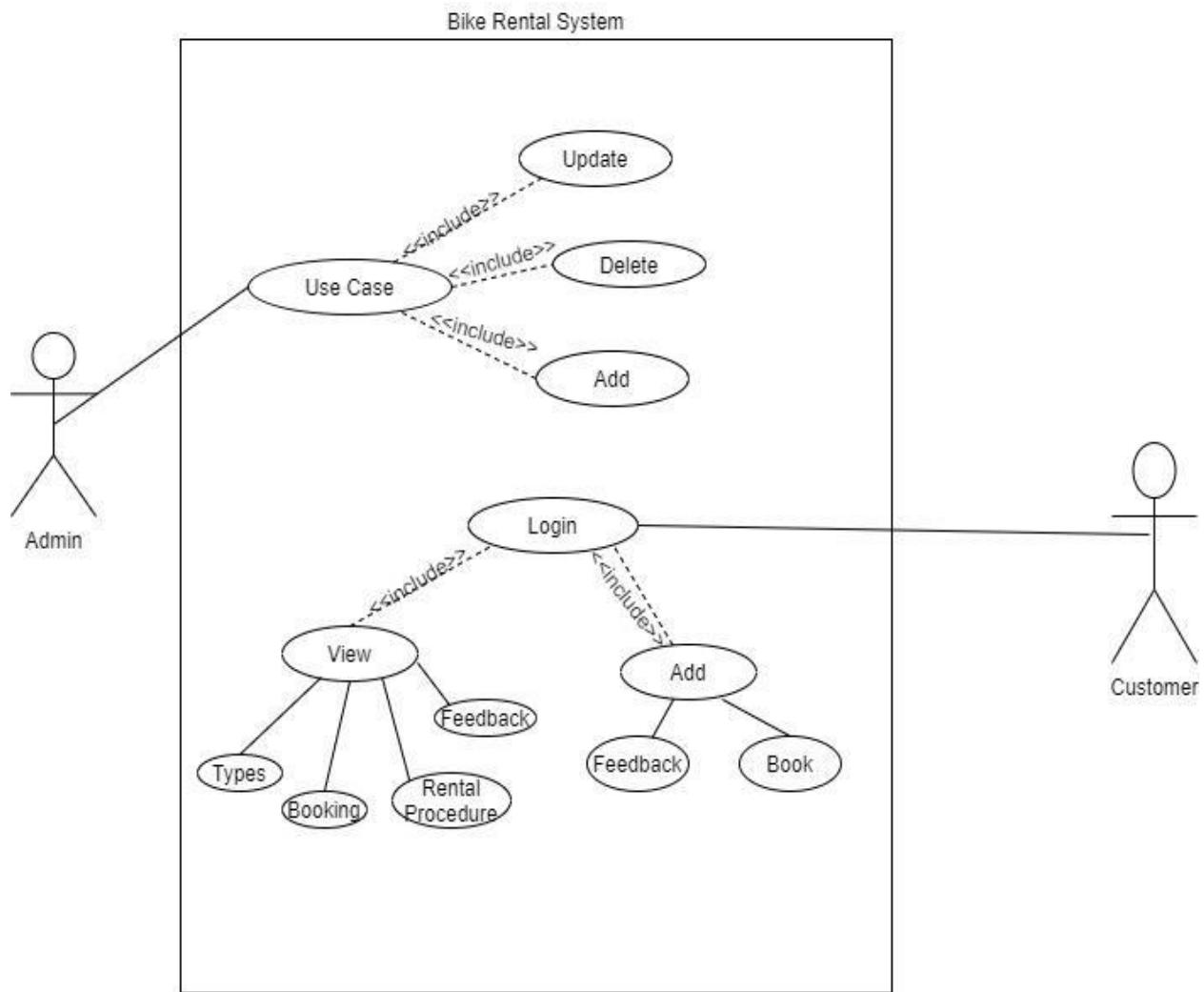
Future Development

For future development I plan to add online payment feature for customers. All new discount, new news about bikes, located places details future we will make feature to send notification for all customers to their email. As future development we plan to give online selling option for bike riding equipment. Future will improve emergency service for customers for inform if something happens emergency reason. Also, user/booking editing and maybe 2Fa authentication for more secure accounts for login.

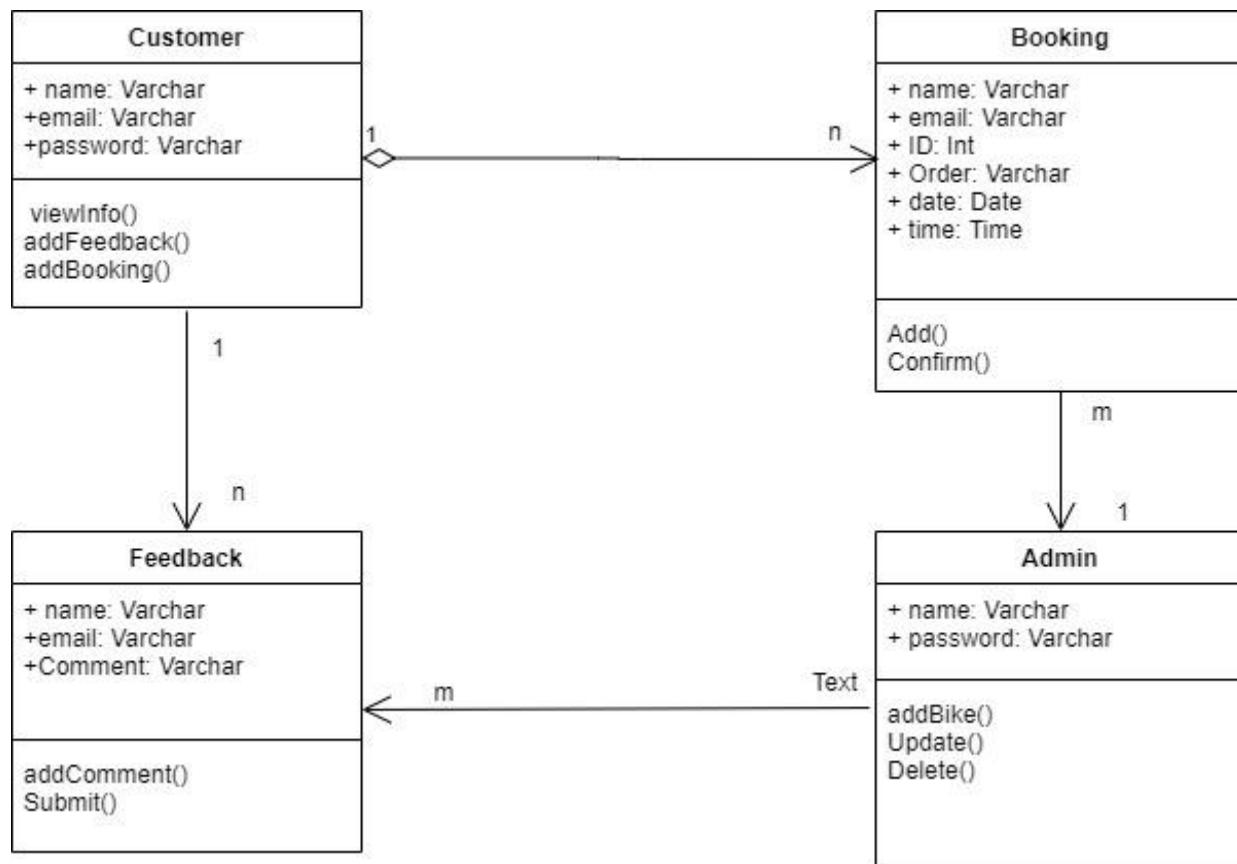
ER Diagram



Use Case Diagram

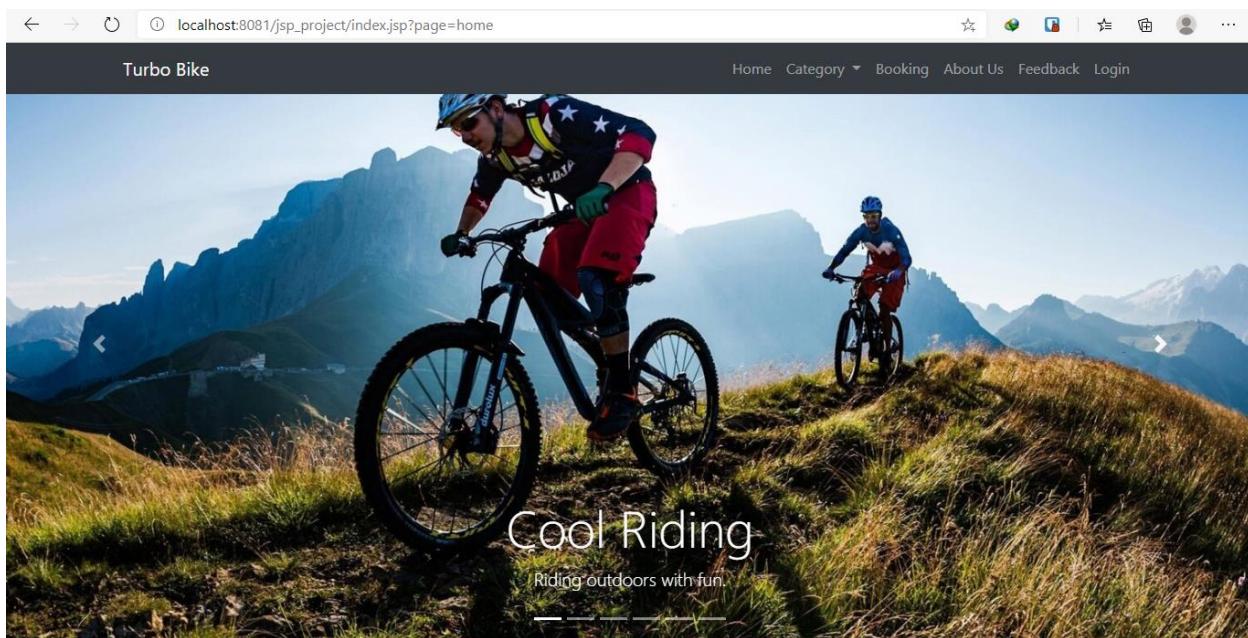


Class Diagram

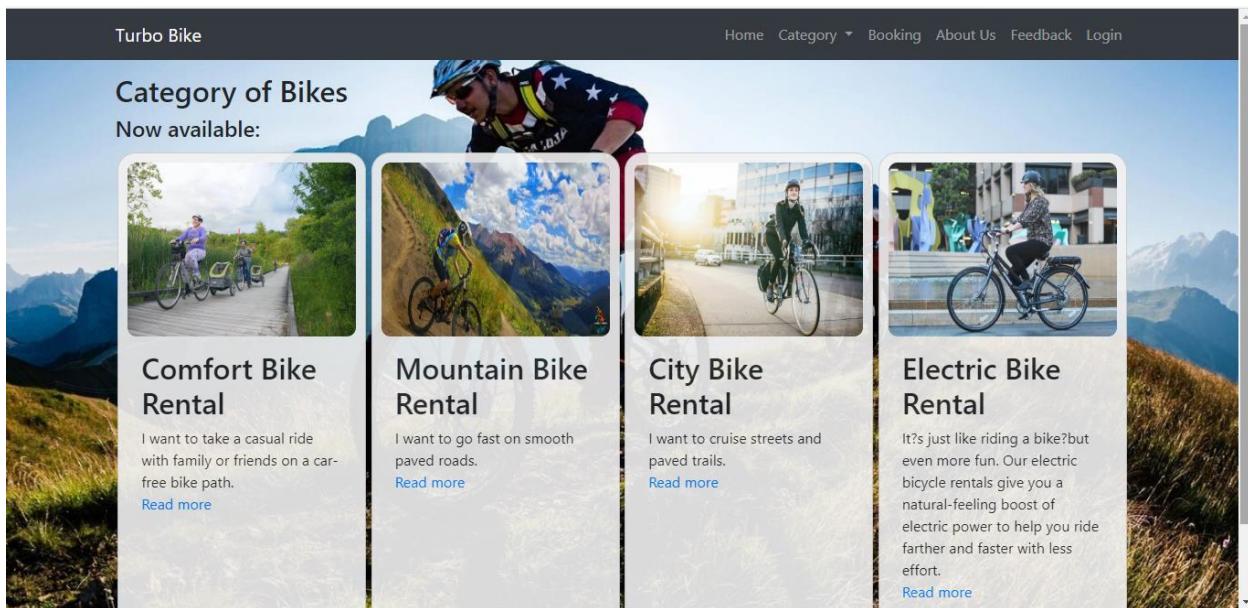


Screenshots of website

Home Page



Category Page – Customer View



Comfort Bike Rental

localhost:8081/jsp_project/index.jsp?page=category&cat=1

Turbo Bike

Home Category Booking About Us Feedback Login

Comfort Bike Rental

At the TurboRoot store, we have comfort/hybrid bicycles for rent for use on the Ohio & Erie Canal Towpath Trail in the Cuyahoga Valley National Park. Bicycles for rent are available on a first-come, first-served basis. Reservations are not required or accepted. Rentals are by the hour, minimum of one hour, with rental rates pro-rated for each fifteen-minute interval after the first hour. Two-hour minimum for e-bikes. We stop renting bikes 90 minutes before the store closing time. Bicycles MUST be returned before the store closing time or a late fee will be charged. See below for rental hours. We are open year-round, but bike rental may be restricted due to weather and trail conditions. You may call us at 330-657-2209 to verify availability. Also, check the Cuyahoga Valley National Park's Alerts and Conditions page to be aware of any trail closures. You must have a photo ID and a major credit card to rent bikes. You must be 18 years of age or older, or accompanied by a parent or guardian 18 or older. Helmets are included with all bicycle rentals.

Rental Details



The image shows four different hybrid bicycles displayed in a row. From left to right: a blue hybrid bike, a pink hybrid bike, a white hybrid bike, and a multi-colored hybrid bike (orange, yellow, and black).

localhost:8081/jsp_project/index.jsp?page=category&cat=1

Turbo Bike

Home Category Booking About Us Feedback Login

Giant Cypress Adult unisex comfort hybrid bicycle with 7 speeds, comfortable seat, hand brakes, sizes Small, Medium, Large, Extra-Large. 10.00\$ per hour Book this bike Feedback	Live Flourish 4 Women's/step-thru comfort hybrid bicycle with 7 speeds, comfortable seat, hand brakes, sizes Extra-Small, Small, Medium. 15.00\$ per hour Book this bike Feedback	Electra Townie Original 3i Adult comfort cruiser with flat-foot design, 3 speeds, rear pedal brake, front hand brake. Step-thru and unisex frames available. One size fits most. 10.00\$ per hour Book this bike Feedback	Giant XTC Jr 24 Lite For girls and boys aged 7 to 12 years (approximately), 24-inch wheels, 7 speeds, hand brakes. 10.00\$ per hour Book this bike Feedback
---	---	---	---



The image shows three child bike trailers displayed in a row. From left to right: a silver child bike trailer, a yellow and black child bike trailer, and another yellow and black child bike trailer.

localhost:8081/jsp_project/index.jsp?page=category&cat=1

Turbo Bike

Home Category Booking About Us Feedback Login

Adams Trail-a-Bike
Attaches to one of our rental bikes to allow a small child to pedal with you. Child must be 85 pounds or less. Compatible with our Giant Cypress and Liv Flourish rental bikes; cannot be used with the Electra Townie. Can be used with your own bike only if your bike uses a seatpost with 30.9mm diameter. Not for use on e-bikes.

Burley Cub Child Trailer
May carry one or two children, up to 100 pounds total weight. Secure safety harnesses. Can be attached to our rental bikes, or to your own bike (in some cases -- disc brakes, full suspension, and other non-standard frame features may interfere). Not for use on e-bikes. No pets.

Burley Tail Wagon Pet Trailer
You don't have to leave your best friend at home to enjoy a ride on the Towpath! Weight limit of 75 pounds. Can be attached to our rental bikes, or to your own bike (in some cases -- disc brakes, full suspension, and other non-standard frame features may interfere). Not for use on e-bikes.

10.00\$ per hour

[Book this bike](#) [Feedback](#)

10.00\$ per hour

[Book this bike](#) [Feedback](#)

Mountain Bike Rental

localhost:8081/jsp_project/index.jsp?page=category&cat=2

Mountain Bike Rental

A 10 kilo meters day trip through tea plantations to the Labookellie tea factory is quite challenging but worth every bit of it. Ask at the Single Tree Hotel about mountain-bike rental. Fat-tire fans will find plenty of steep dirt trails radiating into the hills from the outskirts of town. Enjoy cycling in the lap of nature and take breathtaking photography of the nature at its best. Tourists from all around the world come here to enjoy mountain biking and local villages of Sri Lanka.

Rental Details

Merida Big 9 20
Very good bike for mountain

Giant Glory 1
Good and comfortable bike for

The screenshot shows a web browser window for the 'Turbo Bike' website at localhost:8081/jsp_project/index.jsp?page=category&cat=2. The page displays two mountain bike rental options against a background image of a mountain landscape. On the left, a 'Merida Big 9 20' bike is shown with a price of 20.00\$ per hour. On the right, a 'Giant Glory 1' bike is shown with a price of 40.00\$ per hour. Each listing includes a 'Book this bike' button and a 'Feedback' button. Below these listings is a black box containing 'Mountain Bike Rental Travel Tips' with three items: carrying a raincoat, wearing a cap and sports shoes, and cycling early or late in the day.

Turbo Bike

Merida Big 9 20
Very good bike for mountain riding!
20.00\$ per hour

Giant Glory 1
Good and comfortable bike for downhill riding in mountains!
40.00\$ per hour

Mountain Bike Rental Travel Tips

- ✓ Do carry a raincoat along, in case there is a weather change.
- ✓ Wear a cap and a good pair of sports shoes so as to enjoy the ride.
- ✓ Though there is no specific time, it is ideal to opt for cycling either early in the morning, or after noon. One can then relax at one of the many restaurants or enjoy high tea.

LANKA DEEPA

City Bike Rental

The screenshot shows a web browser window for the 'Turbo Bike' website at localhost:8081/jsp_project/index.jsp?page=category&cat=3. The page features a large image of a person riding a bicycle. Overlaid on the image is the text 'City Bike Rental'. Below this is a descriptive paragraph about city bicycles. Further down, under the heading 'Rental Details', there are two images of bicycles: a 'Giant Escape 2' and a 'Liv Alight 2'.

Turbo Bike

City Bike Rental

We have City Bicycles available for rent in our Turbo Bike store. These bikes are our best-sellers, and are perfect to rent if you don't have a bike of your own, but are looking for a fun way to enjoy a day out in our local parks! These bikes are sometimes referred to as "performance hybrid bikes" or "flat-bar road bikes." They feature lightweight aluminum frames, 24 speeds, hand brakes, and regular platform pedals. The tires are a "happy medium" 32mm wide, which makes them appropriate for riding on streets, but provide plenty of traction on bike paths. Not for use on mountain bike trails. We do not take reservations; bikes are available on a first-come, first-served basis only. Use of helmets is required. Helmets are provided with all rentals at no extra charge.

Rental Details

Giant Escape 2

Liv Alight 2

Turbo Bike

Home Category Booking About Us Feedback Login

Frequently Asked Questions (FAQ)

Rental Rates: \$15 per Hour Sales Tax is additional. Daily and multi-day rentals are available for special events; please call us to make arrangements.

Q. Is there a speedometer on the bikes? A. Yes, each bicycle has a CatEye Enduro cyclocomputer installed, which provides speed, distance, average speed, maximum speed, and ride time. We cannot guarantee the accuracy of the time-of-day clock on the CatEye Enduro computers.

Q. Are emergency repair supplies included? A. Yes, each bicycle has a seat bag with a spare inner tube, tire levers, patch kit, and CO2 inflator. You will be charged for any of these supplies that are used or missing when you return the bike.

Q. What if I break down and can't get going on my own? A. Support and pickup service are NOT provided. We recommend that you carry a phone and have access to a friend or taxi service should you need help out on the road.

Q. Are water bottles included? A. Water bottle holders are provided on each bike. Bring your own bicycle-specific water bottles, or buy some in the store when you pick up the bike.

Electric Bike Rental

Electric Bike Rental

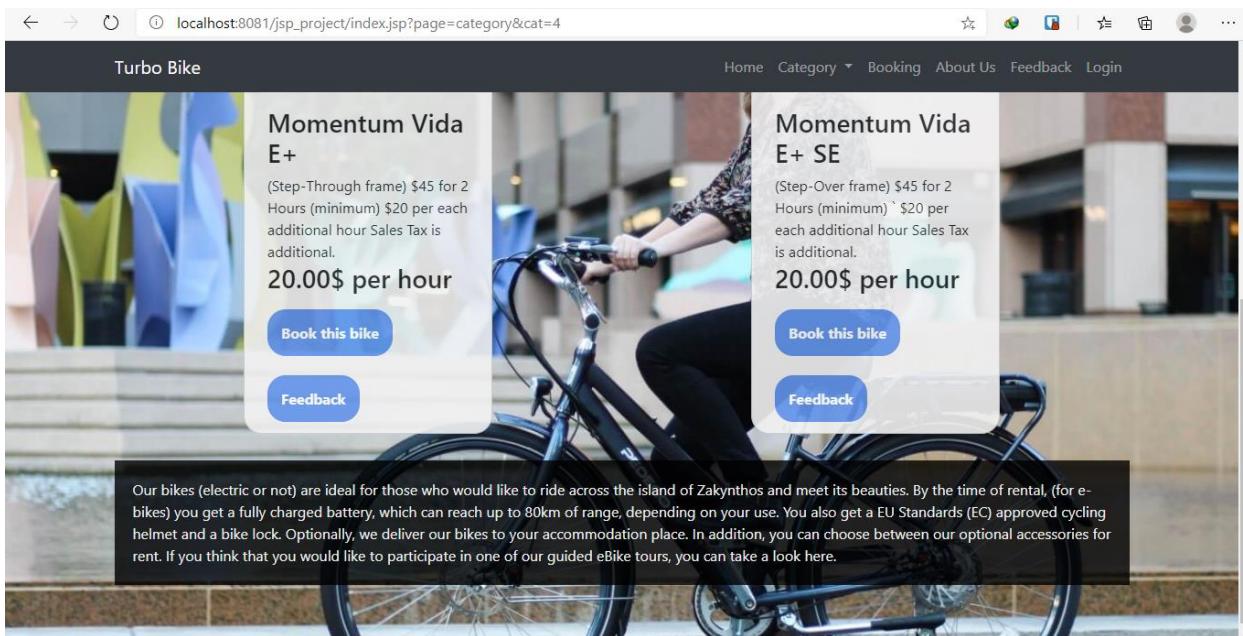
It's just like riding a bike—but even more fun. The Momentum Vida E+ features a motor which gives you a natural-feeling boost of electric power to help you ride farther and faster with less effort. It's the perfect way to explore the city, feel the wind on your face, or put a kick into your fitness routine. The frame is designed with a comfortable upright rider position, which gives it a confident, easygoing ride quality.

Rental Details

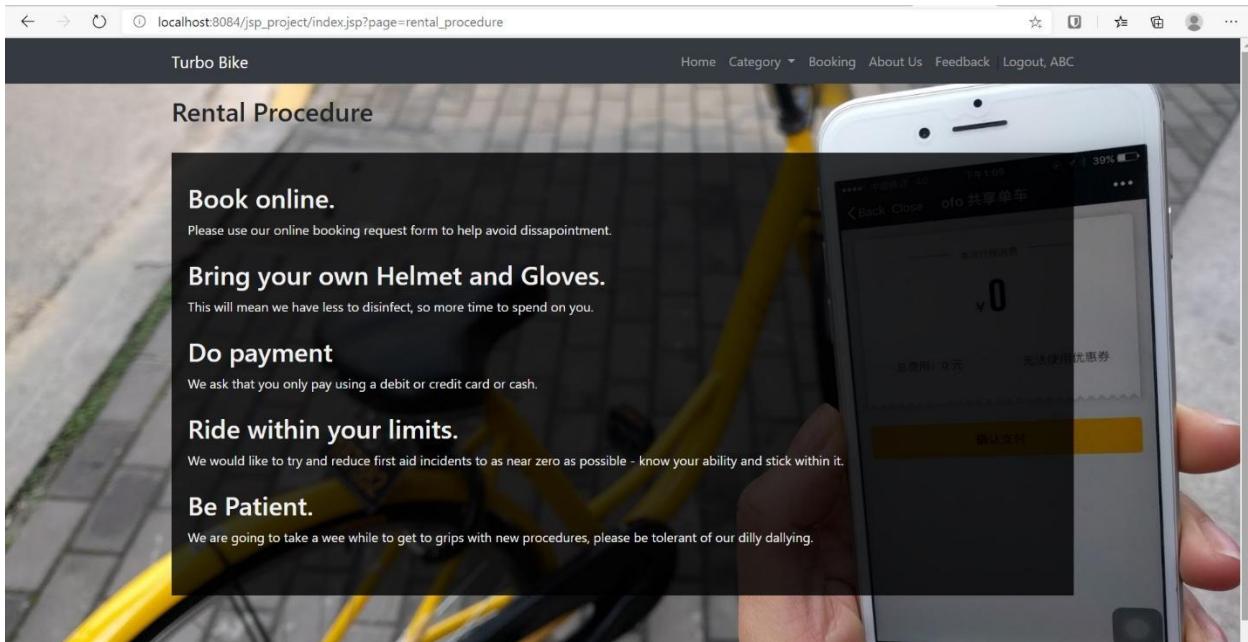
Momentum Vida E+

Momentum Vida E+ SE

localhost:8081/jsp_project/images/Momentum Vida E+.JPG (StepOver) €15 for 2 hours



Rental Procedure



About Us Page

About us

Why Buy from Us?

Customer Service is our first priority. We are here to serve YOU and help you enjoy cycling! We treat ALL of our customers with the same attention and respect, whether you are a first-time buyer or a long-time friend, and whether you want to ride a bicycle for fitness, competition, saving gasoline, or family fun!

Become a Preferred Customer! When you purchase a bicycle from us, you are automatically a Preferred Customer, which entitles you to all of these benefits:

- 15% discount off all regularly-priced parts, clothing, and accessories purchased on the same day as the bicycle
- Free 90-Day Safety Check-Up on your new bike
- Free Turbo Bikes T-Shirt!

Professional Assembly by expert mechanics is included for all bicycles. We pride ourselves on taking the time and effort to do a better job. The big-box stores do not have the experience nor the time to ensure that your bicycle is assembled to be safe and work right, the first time.

We'll Fit You Right. Buying the wrong-sized bicycle can mean the difference between comfort and pain, fast and slow, safe and unsafe. We'll help you select the bicycle that is the correct size for you, and make any adjustments that are necessary to fine-tune the fit to your needs.

Dedicated and Experienced Staff. We have a core group of long-term employees who are passionate about bikes and love to share that passion. This means that when you visit us, you'll see familiar faces that you know. And more importantly, we'll get to know you (and your bike)!

Support the local economy! We are a locally-owned small business, and we try to support other local businesses when making our buying decisions!

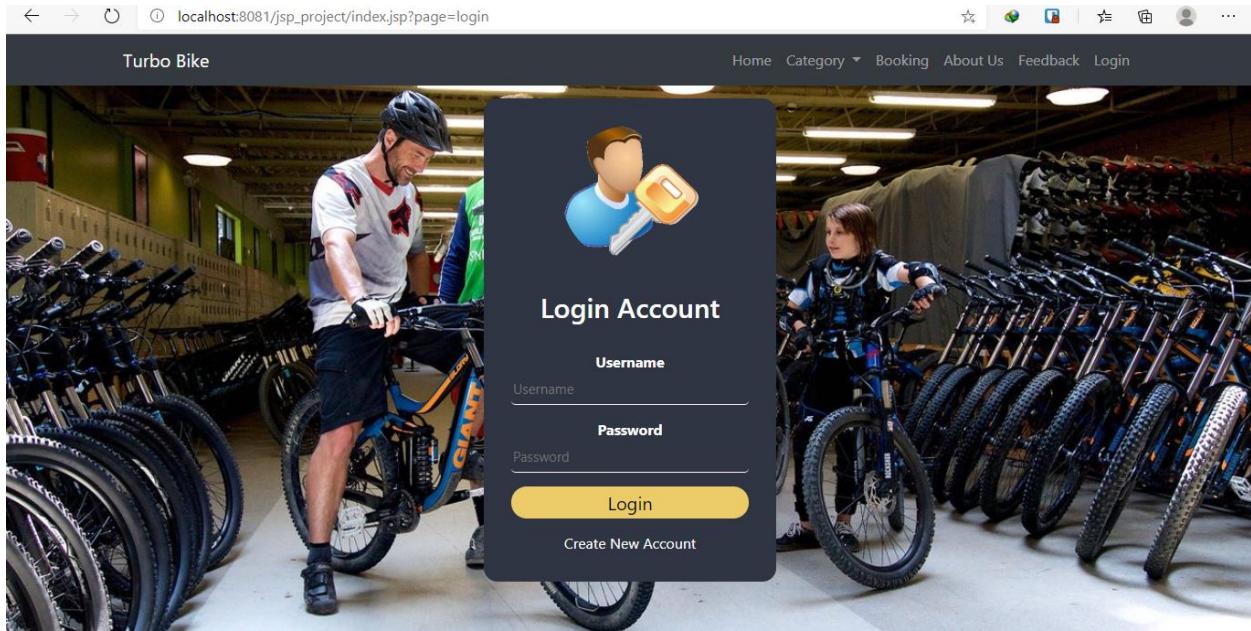
Community Service is important to us. This includes the sponsoring the award-winning Bike To School Challenge, participating in corporate health and wellness fairs, Adopt-A-Highway Litter Control, children's safety presentations, maintenance and repair classes, support of local organizations' fund-raising efforts, and providing support and sponsorship for charity rides such as the Bike MS Buckeye Breakaway. We are a Member Bike Shop of Bike Cleveland and the Adventure Cycling Association.

Environmentally Aware. We recycle cardboard and aluminum, and use recycled paper and biodegradable products whenever possible. We continue to look for additional ways to reduce our impact on our planet's environment.

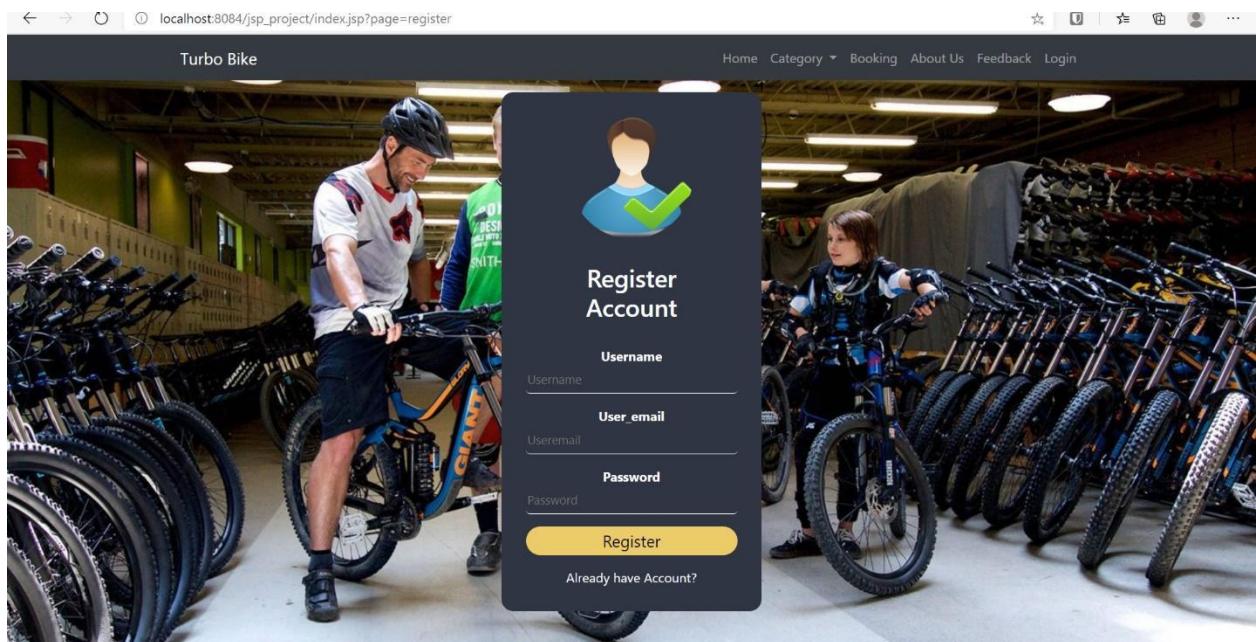
Contact us:

- 📞 By phone: +123456789
- ✉️ By email: company@company.lk
- 📍 By address: Some street, Some town, Some Country, 12345
- 📍 Find us on map:

Login Page



Register Page



Category – Admin View

The screenshot shows the 'Category of Bikes' section of the Turbo Bike website. The page title is 'Category of Bikes' and the sub-section title is 'Now available:'. There are four categories displayed in cards:

- Comfort Bike Rental**: A person riding a bike on a paved path. Description: 'I want to take a casual ride with family or friends on a car-free bike path.' Buttons: 'Read more' and '> Update category'.
- Mountain Bike Rental**: A person riding a bike on a steep, rocky trail. Description: 'I want to go fast on smooth paved roads.' Buttons: 'Read more' and '> Update category'.
- City Bike Rental**: A person riding a bike on a city street. Description: 'I want to cruise streets and paved trails.' Buttons: 'Read more' and '> Update category'.
- Electric Bike Rental**: A person riding a blue electric bike. Description: 'It's just like riding a bike?but even more fun. Our electric bicycle rentals give you a natural-feeling boost of electric power to help you ride farther and faster with less effort.' Buttons: 'Read more' and '> Update category'.

The URL in the browser is localhost:8081/jsp_project/index.jsp?page=category&cat=4.

The screenshot shows the same 'Category of Bikes' section as the first one, but with additional administrative controls. Each category card now includes two new buttons at the bottom:

- Comfort Bike Rental**: Buttons: '> Update category' and '- Delete category'.
- Mountain Bike Rental**: Buttons: '> Update category' and '- Delete category'.
- City Bike Rental**: Buttons: '> Update category' and '- Delete category'.
- Electric Bike Rental**: Buttons: '> Update category' and '- Delete category'.

A blue button at the bottom left of the cards says '+ Add category'.

The URL in the browser is localhost:8081/jsp_project/index.jsp?page=category.

Mountain Bike – Admin View

The screenshot shows the homepage of a mountain bike rental website. At the top, there's a navigation bar with links for Home, Category, Booking, About Us, Feedback, and Logout, Mr .Lecturer. The main title "Mountain Bike Rental" is displayed prominently. Below the title is a descriptive text block: "A 10 kilo meters day trip through tea plantations to the Labookellie tea factory is quite challenging but worth every bit of it. Ask at the Single Tree Hotel about mountain-bike rental. Fat-tire fans will find plenty of steep dirt trails radiating into the hills from the outskirts of town. Enjoy cycling in the lap of nature and take breathtaking photography of the nature at its best. Tourists from all around the world come here to enjoy mountain biking and local villages of Sri Lanka." On the left side, there's a large image of a person riding a mountain bike on a trail. In the center, there are two cards for different bike models: "Merida Big 9 20" and "Giant Glory 1". Each card includes a small image of the bike, the model name, a brief description, and a "Book this bike" button.

This screenshot shows the detailed view for each bike model. The "Merida Big 9 20" card now includes a "Feedback" button and a "Logout, Mr .Lecturer" link. The "Giant Glory 1" card also includes a "Feedback" button and a "Logout, Mr .Lecturer" link. The "Add new bike" button is visible at the bottom left of the interface.

Category Page – Update (Admin View)

localhost:8084/jsp_project/index.jsp?page=AdminEdit&what=cat&doAction=upd_cat&cat_id=2

Turbo Bike

Update category

Category CSS class
body_mountainPage
(NB! You need to add this separately in CSS prior to adding here - else default css class can be used!)

Category name
Mountain Bike Rental

Category short description
I want to go fast on smooth paved roads.

Category long description
A 10 kilo meters day trip through tea plantations to the Labookellie tea factory is quite challenging but worth every bit of it. Ask at the Single Tree Hotel about mountain-bike rental. Fat-tire fans will find plenty of steep dirt trails radiating into the hills from the outskirts of town. Enjoy cycling in the lap of nature and take breathtaking photography of the nature at its best. Tourists from all around the world come here to enjoy mountain biking and local villages of Sri Lanka.

Category image url

Booking Page (Admin View)

localhost:8084/jsp_project/index.jsp?page=booking

Turbo Bike

Booking page

On this page You can see Your existing bookings
If no bookings found - To book a bike, please select bikes from under categories!

NB! Payment information you will receive by email after we have confirmed booking.

ID	From	To	User	Bike number	Bike name	Booking Sum	Paid sum	Paid date	Edit
1	2020-10-08	2020-10-17	Kely not@existing.lk	4	Giant XTC Jr 24 Lite	1080.00	1080.00	2020-08-20 00:16	- Delete

Booking Page (User View)

The screenshot shows a web browser window for the 'Turbo Bike' website. The title bar reads 'localhost:8084/jsp_project/index.jsp?page=booking'. The main content area has a header 'Booking page' with a background image of a cyclist on a mountain trail. A central message box says: 'On this page You can see Your existing bookings. If no bookings found - To book a bike, please select bikes from under categories! NB! Payment information you will receive by email after we have confirmed booking.' Below this is a table with the following columns: ID, From, To, User, Bike number, Bike name, Booking Sum, Paid sum, and Paid date. A single row is present with the text 'No bookings found'.

Feedback Page (Admin View)

The screenshot shows a web browser window for the 'Turbo Bike' website. The title bar reads 'localhost:8084/jsp_project/index.jsp?page=feedback'. The main content area has a header 'Feedback page' with a background image of a cyclist on a mountain trail. A central message box says: 'On this page You can see feedback given for bikes/service by other customers. If no feedback is found - Please add feedback for bikes from under categories!' Below this is a table with the following columns: Date, User, Bike, Feedback, and Edit. Two rows of data are shown:

Date	User	Bike	Feedback	Edit
2020-08-20 00:35	Kely	Merida Big 9 20	Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.	- Delete
2020-08-20 00:33	Kely	Liv Alight 2	lorem ipsum lorem ipsum dolor sit amet	- Delete

Feedback Page (User View)

The screenshot shows a web browser window with the URL `localhost:8084/jsp_project/index.jsp?page=feedback`. The title bar says "Turbo Bike". The page header includes links for Home, Category, Booking, About Us, Feedback, and Logout, ABC. The main content area is titled "Feedback page" and contains a message: "On this page You can see feedback given for bikes/service by other customers If no feedback is found - Please add feedback for bikes from under categories!". Below this is a table with two rows of feedback data:

Date	User	Bike	Feedback
2020-08-20 00:35	Kel****	Merida Big 9 20	Bike Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.
2020-08-20 00:33	Kel****	Liv Alight 2	lorem ipsum lorem ipsum dolor sit amet

Database

The screenshot shows the phpMyAdmin interface for the database `jsp_project`. The left sidebar lists databases: company, information_schema, jsp_project, mysql, newschema, nsbm, nsbm2, performance_schema, phpmyadmin, test, and testshopdb. The `jsp_project` database is selected. The main area shows the structure of the database with tables: bikes, booking, category, feedback, and user. The "Structure" tab is active, displaying the table details. The "Console" tab at the bottom shows the following SQL queries:

```
>SELECT * FROM `category`
>SELECT * FROM `category`
>SELECT * FROM `category`
```

Bike Table

The screenshot shows the phpMyAdmin interface for the 'bikes' table in the 'jsp_project' database. The table has columns: bike_id, category_id, bike_name, bike_description, bike_image, price, time_unit, and added. Three rows are displayed:

bike_id	category_id	bike_name	bike_description	bike_image	price	time_unit	added
1	1	Giant Cypress	Adult unisex comfort hybrid bicycle with 7 speeds...	/img/giantCypress.jpg	10.00	hour	2020-05-17 00:00:00
2	1	Live Flourish 4	Women's step-thru comfort hybrid bicycle with 7 sp...	/img/LivFlourish4.jpg	15.00	hour	2020-05-17 00:00:00
3	1	Electra Townie Original 3i	Adult comfort cruiser with flat-foot design, 3 spe...	/img/ElectraTownieOriginal3i.jpg	10.00	hour	2020-05-17 00:00:00

The SQL query at the bottom of the screen is: `>SELECT * FROM `category``

Booking Table

The screenshot shows the phpMyAdmin interface for the 'booking' table in the 'jsp_project' database. The table has columns: booking_id, from_date, to_date, user_id, category_id, bike_id, paid, paid_date, booking_sum, and paid_sum. One row is displayed:

booking_id	from_date	to_date	user_id	category_id	bike_id	paid	paid_date	booking_sum	paid_sum
1	2020-10-08 00:00:00	2020-10-17 00:00:00	22	1	4	Yes	2020-08-20 00:16:43	1080.00	1080.00

The SQL query at the bottom of the screen is: `>SELECT * FROM `category``

Feedback Table

The screenshot shows the phpMyAdmin interface for the 'feedback' table in the 'jsp_project' database. The table has columns: feedback_id, category_id, bike_id, user_id, feedback_title, feedback_text, and date_added. Two rows are displayed:

feedback_id	category_id	bike_id	user_id	feedback_title	feedback_text	date_added
1	3	11	22	lorem ipsum	lorem ipsum dolor sit amet	2020-08-20 00:33:06
2	2	8	22	Bike	Lorem ipsum dolor sit amet, consectetur adipiscing	2020-08-20 00:35:42

User Table

The screenshot shows the phpMyAdmin interface for the 'user' table in the 'jsp_project' database. The table has columns: id, name, email, password, added, and admin. One row is displayed:

	id	name	email	password	added	admin
	22	Kely	not@existing.lk	c93cc78b2076528346216b3b2f701e6	NULL	Yes

Conclusion

The user interface is very friendly and easiest reservation can do for customers. Customers can watch details about that anywhere. So, bike rental system website idea people can get more easily information.

Workload Matrix

Name	Ply: Student Id	Task
Kely Weerasooriya	10674044	Website & Database