

Script Writer: Dann

Start

1. Start from highlighting why users would use Wanderful

Good afternoon Prof and fellow classmates. Thank you for joining us today for this presentation about our web application, Wanderful. My name is [Name], and I am a part of Team OneDirection. Today, we want to share with you the benefits and unique features of Wanderful that make it stand out from other similar services in the market.

Wanderful is a user-friendly platform that connects drivers who offer carpooling services with passengers who need rides. It is not just a ride-hailing service; **it is a community-driven platform that promotes sustainability and social interaction**. Our platform also includes taxi services and real-time carpark information to make your journeys more convenient.

What sets Wanderful apart from other ride-sharing apps is that it **emphasizes safety, reliability, and affordability**. Our platform verifies drivers' identities, and riders can rate drivers to help maintain high-quality service.

In addition, Wanderful's carpark feature enables users to view nearby carpark information, filter them distance and also includes the number of lots available, which helps drivers and riders plan their journeys more efficiently. Our taxi services also allow users to view the taxis near any location, making Wanderful a one-stop-shop for all your transportation needs.

We are proud of the unique features of Wanderful that promote sustainability, convenience, and affordability. Our platform is a great choice for those looking for an alternative to traditional ride-hailing services. We hope that after today's presentation, you will consider joining our community of drivers and passengers on Wanderful.

2. Show Signup Page (SIGN UP an account for Bryan)

To start off, we will first be presenting the signup and login pages for Wanderful where users can sign up and login into their accounts.

Before logging into their accounts, we will first register for an account and then login. We will showcase the functions and the validations that come with them when creating the account.

Only when keying in a valid input for each fields, then will the fields turn green.

We have validations for Emails and Passwords.

When we try to create an account with an invalid email. (Show popup)

1. Invalid Sign-up (Email)

First, we will register for an account using incorrect inputs. (we will put an incorrect email address, password and RePassword to test the validation)

- Error msg: "Invalid Email"

INPUT: Bryan@gmail.c

(WE WILL CLICK SIGNUP TO SHOW ALL ERRORS/ALERTS)

When we try to create an account with an invalid Password. (Show popup)

2. Invalid Sign-up (Password)

Then we input a valid email and signup

- Error msg: "Invalid Password"

INPUT: *pass*

(WE WILL CLICK SIGNUP TO SHOW ALL ERRORS/ALERTS)

When we try to create an account with a password that doesn't match. (Show popup)

3. Invalid Sign-up (Re-enter Password)

Then we input only wrong re-password

- Error msg: "Passwords do not match"

INPUT: *password*

(WE WILL CLICK SIGNUP TO SHOW ALL ERRORS/ALERTS)

Now we create the account and everything is valid

4. Valid Sign-up (All input fields are green indicating valid inputs)

VALID INPUTS:

First Name: *Bryan*

Last Name: *Tan*

Email: *Bryan@gmail.com*

Username: *bryantan*

Password: *Password#1203*

(WE WILL CLICK SIGNUP TO SHOW VALID SIGNUP)

A successful creation of account will bring us back to the main page

3. Show Login Page (LOGIN using TA Account)

Once the account has been successfully created and stored in our database, we will proceed to login with the account that we have just created

1. Invalid Login (SPELL THE USERNAME WRONGLY)

Next, we will login into the account using the incorrect inputs. (we will login using email address instead of user name)

2. Valid Login

Lastly, we will login into the account using the correct inputs.

CORRECT INPUTS:

Username: *bryantan*

Password: *Password#1203*

4. Show Home Page (TA ACCOUNT)

After logging in successfully, the user will be redirected to the home page where they can access the various features available in the application (NAV BAR) as well as at the top right of the page we can see that we are logged into **TA NAME** account.

5. Demonstrate the Create Rides Page (Drives) (TA ACCOUNT)

Firstly, we will be walking you through the create rides page where drivers are allowed to create drives for passengers to book and ride in. The Create Rides page depicts the Google Maps API in the background to depict the ride creator's pick-up location and destination.

1. Click Create Rides Page

2. Invalid Pickup Location

- a. Mispelt Location

INPUT: abc

3. Valid Pickup Location
 - a. Correctly Spelt Location

INPUT: NTU, 26 Nanyang Avenue

When correctly verifying an address, we then place a marker on the exact coordinates on the map to display to the user.

4. Invalid Destination
 - a. Mispelt Location

INPUT: abc

5. Valid Destination
 - a. Correctly Spelt Location

INPUT: Changi Airport, Airport Boulevard

Verifying each location, calls Google Maps' VerifyGeo API before calling the GeoLocation API to get coordinates to drop the markers. When both markers are dropped, it calls the Google Map's Path Finder API to calculate the best route before displaying it on the map. It stores the path and markers in the database.

6. Date & Time of Pickup **(CHANGE THE HOUR)**
7. Recurring OR One-Time (For Recurring, once the ride is completed, it creates another ride with the same details for next week.)
8. Number of Seats Available (click submit to check)
 - a. 0 Seats (invalid)
(EDIT DESTINATION TO INVALID, THEN CHANGE SEATS TO >0, SUBMIT TO VERIFY)
 - b. >0 Seats (valid)

7. Demonstrate the Create Rides Page (Taxi) **(TA ACCOUNT)**

Next, we will be walking you through the other create taxi pages where riders are allowed to create rides for themselves so that drivers can pick them up. This will also still use the Google Maps API to depict the ride creator's pick-up location and destination.

1. Click Taxi Page
2. Valid Pickup Location
 - a. Correctly Spelt Location
3. Valid Destination
 - a. Correctly Spelt Location
4. Date & Time of Pickup
5. Number of Seats Available (click submit to check)
 - a. >0 Seats (valid)

8. Demonstrate the Search Rides Page **(TA ACCOUNT)**

Users can also search for rides by entering the pickup location that they desire to be picked up at. So let's say **Name** wants to be picked up at **Bukit Timah area**.

1. Click Search Rides Page
2. SEARCH for Playfair to Bukit Batok Street 33
3. REQUEST for Playfair to Bukit Batok (It also displays the markers and the path stored)
4. Click on "Go Back" button

It will go back to the "Search Rides" page and the route and markers formed on the map will be removed.

5. [Click back into "Request" and Click "Send Request"](#)

So now we will click on 'Confirm Booking', and it will show the booking request page and a button that directs the user to the 'My Rides' page.

9. Click the "My Rides" button.

1. [Click on My Rides Page](#)

This page will display the upcoming trips and past trips of the current user. Other than the way that path that we just took to come to this page, users can also click on the "My Rides" button on the navigation bar to get to this page. These rides are extracted from our Django backend that we built. The user can then click on the ride to view the trip details.

[SO IN THE UPCOMING TRIPS IT WILL SHOW THREE RIDES, THE TAXI, THE PERSONAL CAR RIDE AND THE ONE THAT WE HAVE JUST REQUESTED FROM johncena](#)

2. [Click on View Details button](#)

When clicking on the view details button, we will be brought to the Ride Details Page where we can see in depth all the details of the ride we have selected

It should also show the other members who have selected the ride.

3. [Click on Chat Button](#)

Additionally, when we click on the chat button in this ride details page, we will be able to open up the chat function that allows Driver and Rider to communicate with each other.

10. Click the Ride Request Page (My Rides Page)

1. [Click Ride Request Tab](#)

Below the My Rides Tab, we also have the Ride Request tab where we retrieve all the ride requests linked to this user, then we will display both pending ride requests that have not yet been accepted as well as those that have been accepted.

11. Click the FAQ Page (My Rides Page)

1. [Click FAQ Tab](#)

Following these 2 tabs we also have common FAQ regarding Rides and how our service works. Users can refer to these FAQ to solve some of the common queries that have been asked by both our riders and drivers.

12. Demonstrate the Carparks Page

1. [Click Carparks Page](#)

Our add-on feature would be the Carparks Availability page, where we will depict the nearest carparks based on the location entered.

2. [Enter Location and Click Search Icon](#)

From there the user can scroll through the array of carparks nearby, the available lots at that carpark and the address of the carpark.

3. Click “Show all on map” button

Users can click on the show all on map button to display all the carpark markers on the map so that they may see the exact location of all the car parks.

4. Click on Carpark Marker

And by clicking on any of the Carpark Markers, they will be able to see the Carpark Code as well as the number of available lots in that carpark.

5. Click on Filter by Lots Available & Show all on Map

The user can sort the car parks listed near the location by number of lots available by clicking on the “Filter by lots available” button and this will sort and display the nearby carparks with the most number of lots.

6. Click on Filter by Distance & Show all on Map

The user can sort the car parks listed near the location by distance to the specified location by clicking on the “Filter by distance” button and this will sort and display the nearby carparks closest to the location specified by the user.

All these features allow to users plan their trips more efficiently, saving time on finding empty, nearby and affordable carparks.

13. Depict the Taxi Availability Page

1. Click Taxi Page

2. Key In Location and press Search icon

Finally, we have our Taxi Availability feature where users can key in the desired location they wish to look for taxis at.

3. Click on “Show nearby Taxis” button

Then by clicking on the Show nearby taxis, all nearby taxis will be displayed on the map for their information.

This is useful for both Riders and Taxi drivers as riders will then be able to efficiently look for taxis to take, and Taxi Drivers will be able to efficiently plan their trips such that they do not compete for passengers in taxi dense areas.

6. User Settings Page

By clicking on this user icon at the top right, we can ***navigate to the user settings page.***

1. Click User Settings Icon

This User Settings Page displays all of the current logged in user’s information.

The user can change their profile details by clicking on the edit profile button or choose to log out of the account by clicking the log out button

2. Clicking on the edit profile button

When Clicking on the edit profit button we will be able to change profile details such as Date of Birth, Home Address and Bio.

Thanks for watching our video demo!

End

//Errors

- Signup Page Password cannot see all req (maybe just put (1 Upper, 1 Lower, >5 chars)

//Demonstration Flow

1. Sign up
 - a. Enter Fields
 - First Name, Last Name, E-mail, Username, Password, Re-enter Password
 - b. Show Email and Password Validations (need alert)
 - i. Invalid Email
 - ii. Invalid Password (Min 1 Upper, 1 Lower, > 5 chars)
 - iii. Password Mismatch
 - c. Valid Signup - Show Successful Account Created Alert
2. Login
 - a. Enter Fields
 - b. Show Unsuccessful Login (need alert)
 - c. Show Successful Login (Page goes back to root, no need alert)
3. Create Ride
 - a. Drive
 - i. Show INVALID Pick-Up/Destination Location
 - ii. Show VALID Pick-Up/Destination Location
 1. Pick-Up Verified → Marker Displayed
 2. Both Locations Verified → Path Displayed
 - iii. Show Date and Time (Calendar, Time, AM/PM)
 - iv. Show Recurring/One-Time Button (Click Both)
 - v. Show Seats Field (Up/Down Arrows)
 - vi. SUBMIT
 - b. Ride
 - i. Show INVALID Ride Creation (0 Seats)
 - ii. Show Successful Ride Creation