

# Report 1: The static and dynamic design of the new system

*Group J*

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In this report, it describes the design of the OurPlace website created by Group J developers from two perspective views, the static and dynamic view. By reading this report, it can be gained the main ideas and back stories of designing the structure and appearance of web pages.

## Static design

In this part, it will discuss the static design of OurPlace website from three major parts: page design, content design and site design by the help with screen shots of some pages in OurPlace website so that it can explain the reasons of choosing the design layout, forms, colour combination and headings.

### Our Logo

In this project, it pays much attention on page design before the realisations of functions of OurPlace website because the suitable layout and comfortable design is the key of static design of a website.

First of all, we designed our own logo for OurPlace as the Figure 1, we chose light green colour, which can make eyes comfortable, and a house image being around our company's name to let audiences feel free when they are using our website and to make the logo easy-recognised.



Figure 1

### Homepage

For the homepage as can be seen on Figure 2 below, we used large photos for eyes-catching purpose and we also built a clear structure of the homepage with navigations on the very top of each page, which can lead to user login/signup pages and OurPlace information when click the relative links. By doing this, each page in the website is reachable whenever the users want to get there.

Moreover, we put our logo and company's name at the top left on each page so that users can have a clear understanding which company they are looking at and they can directly go to the homepage of OurPlace by click the logo.

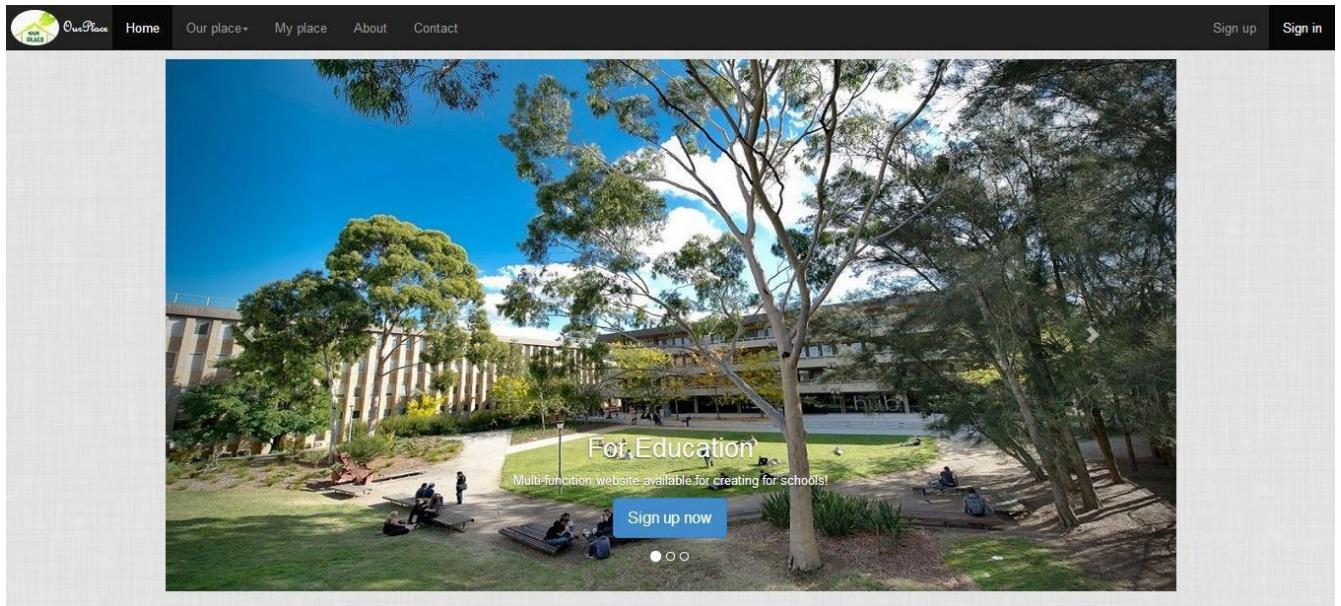
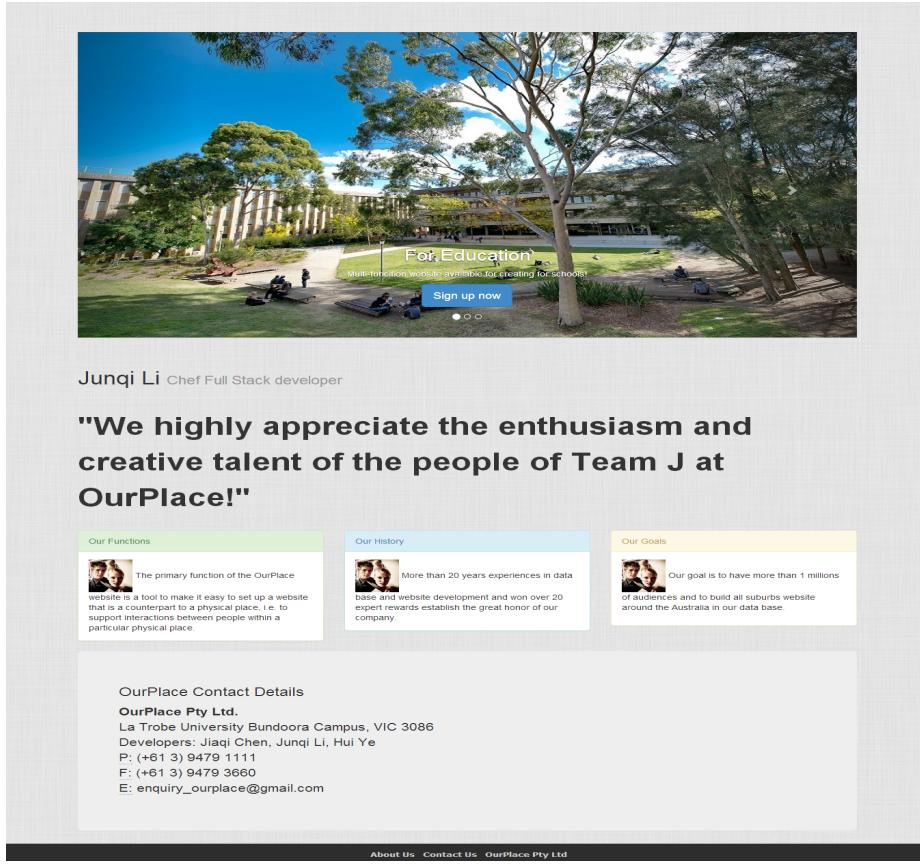


Figure 2

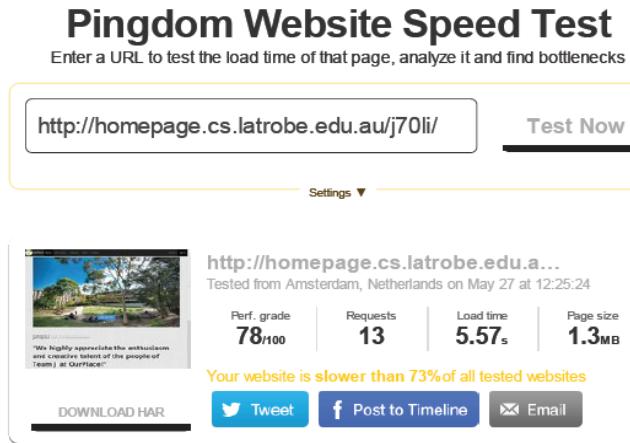
There is also a footer containing the contact information of our company and some recent created place pages at the bottom as shown on Figure 3. We choose light colours such as light grey, light blue and yellow for the page and text boxes' background. The reasons of the colour choice are: firstly the light colour is popular these two years; secondly the light colour can make people relax and feel peaceful when they enjoy using the website as stated in a research. Finally, when using dark colour for the font colour on the light background, the contrasting colour makes reading easy, this is also well-functioned for older people to use.

In addition, when designing our website, we use resolution independent design of each page instead of fixed pixel width for any frames or elements and we also set the layouts as percentage of available space so that our website can be fully run by different browsers such as Firefox, google Chrome and IE browser and even can be run on mobile device.



**Figure 3**

Furthermore, in order to save the response time for the pages to load, we choose our layout as precise as possible so as to reduce the waiting time for the users to load the pages. As shown on the test report on Figure 4, the test of the speed of our home page is 5.57 seconds of loading time mainly taking the time to load three main large photos of our three templates. The speed is lower than 10 seconds, the standard, and is reasonable.



**Figure 4**

## Sign up and Log in pages

The main function of “Sign up” page as shown on Figure 5 is that users can fill a simple application form with the username and password which enables them to easily join into OurPlace. The designing of both “Sign up” and “Log in” pages are exactly the same for the consistency of the website. The characters typed in the password textbox will not be displayed for safety reasons.

The screenshot shows the 'Sign in' page of the OurPlace website. At the top, there is a navigation bar with links for 'Home', 'Our place', 'My place', 'About', 'Contact', 'Sign up', and 'Sign in'. The main content area has a light gray background and contains a white rectangular form. The form is titled 'Sign in' and includes two input fields: 'User name Input' containing 'kakichen' and 'Password Input' containing '.....'. Below the inputs are two buttons: 'Reset' and 'Sign in'. At the bottom of the page, there is a footer with links for 'About Us', 'Contact Us', and 'OurPlace Pty Ltd'.

Figure 5

In addition, there is a method of error prevention provides for system to check the correctness of users' input, if users' username is less than 4 characters or users' password is less than 6 characters, the system will display the error message as shown on Figure 6, and users can easily find out what happened and can fix their errors quickly.

The screenshot shows the 'Sign up' page of the OurPlace website. The layout is identical to Figure 5, with a navigation bar at the top and a 'Sign up' form in the center. In the 'User name Input' field, the character 'q' is entered. A red error message below the field states: 'The username must be more than 4 character.' In the 'Password Input' field, several characters are entered. A red error message below the field states: 'The password must be less than 20 character.' Below the form are 'Reset' and 'Sign up' buttons. The footer at the bottom of the page includes links for 'About Us', 'Contact Us', and 'OurPlace Pty Ltd'.

Figure 6

## **User and admin centre pages**

To be consistent with other pages in OurPlace website, the layout and colour usage of user centre and administration centre are exactly the same as the other pages, which can be seen on Figure 7 on the next page.

In order to make users feel welcomed and comfortable, username will be displayed on the first line on the users' centre page as “Welcome” plus the username.

Users can have a clear idea of what they have done in the past, what places pages they have created will show in the “Overview” stack. And the other stacks, “Create”, “Modify” and “Report” enable users to realise other function of the website.

The design of the layout is separated by each task of the function into different forms in the user centre page so that users can perform one task each time instead of performing them together. For example, users can create a home page of a place in the “Create” stack, and can modify the existing places in “Modify” stack by choose the place name in the drop down menu. Users can also submit a report to the developers to report the problems and any questions they have.

There are also navigations and foots on user centre page so that users can link to anywhere else from the current page.

## **Conclusion**

As a conclusion, the main function and design ideas of development OurPlace website follow the instructions of statistic design of the web pages and perform a well-functioned website to the users for multi-purpose.

Welcome kakichen

#	Place Name	Web Link
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**Create**

Create home page from here

**Page Type**  Public  Business  Education

**Place name** Box hill

**Place location** Melbourne

**Catch phrase** Everyone desire and lov'in it

**Place description** Fantastic food place there!!

**Select Background color** light grey

**Modify**

Modify your home page from here

**Choose your Place name** Type place name...

**Change Place location** change place location

**Change Catch phrase** change catch phrase

**Change Place description** change place description

**Select Background color** white(default)

**Report**

Report your problem

**Report title** Provide more image in the background

**Report content**

About Us Contact Us OurPlace Pty Ltd

**Figure 7**