**A logo on a black background

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**C2P - Hire EquipmenT**

**PROJECT MANUAL**

**Cover Page**

- Title of the project

- Subtitle (if applicable)

- Names of team members

- Course information

- Institution

- Date

**GROUP TEAM MEMBERS**

**(C00288657) EMMANOEL ABOLADE**

**(C00291296) IHOR ANTONOV**

**(C00290950) IHOR Melashchenko**

**(C00288302) MARVIN A. Z. SANTOS**

**DETAILS**

[**SEM2 - Project Year 2**](https://blackboard.itcarlow.ie/webapps/blackboard/execute/courseMain?course_id=_27193_1)

**due DATE: 15TH APRIL 2024**

**PROJECT SUPERVISOR**

**TIM CASEY**

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**User Interface**

**- Add Page Description**

**Layout:** The page is divided into two sections: the left section contains submenu options, while the right section is dedicated to adding a new supplier.  
  
**Alignment:** Both sections are horizontally and vertically centered within their containers, ensuring a visually balanced layout.  
  
**Background:** The left section has a light gray background, providing a subtle contrast to the white background of the right section, enhancing readability.  
  
**Border:** Input fields in the form are bordered with a light gray border, distinguishing them from the background and providing visual clarity.  
  
**Font and Font Size:** The default browser font is used for text throughout the page, maintaining consistency and readability. Headings are slightly larger to draw attention to important sections.  
  
**Text Color:** Black text is predominantly used for content, with white text used for buttons and icons, ensuring clear visibility and contrast against the background.  
  
**Headings:** Clear and descriptive headings guide the user through the page, with the main heading prominently indicating the purpose of adding a new supplier.  
  
**Buttons:** Strategically positioned below input fields, buttons feature bold text and a cohesive blue color scheme, ensuring they stand out as actionable elements.  
  
**Other Elements:** The form incorporates labeled input fields for information, each with appropriate validation patterns to ensure data accuracy. The layout is designed to facilitate a smooth and intuitive user experience.

**User Interface**

**- Delete Page Description**

**Layout:** The page layout follows a similar structure to the Add page, with two sections: the left section contains submenu options, and the right section is dedicated to deleting a supplier.  
  
**Alignment:** Both sections are horizontally and vertically centered within their containers, ensuring a balanced and visually appealing layout.  
  
**Background:** The left section has a light gray background, providing a subtle contrast to the white background of the right section, enhancing readability and focus on the delete form.  
  
**Border:** Input fields in the form are bordered with a light gray border, distinguishing them from the background and providing visual clarity.  
  
**Font and Font Size:** Consistent with the Add page, the default browser font is used for text throughout the page, with slightly larger headings for emphasis and clarity.  
  
**Text Color:** Black text is predominantly used for content, with white text used for buttons and icons, ensuring clear visibility and contrast against the background.  
  
**Headings:** Descriptive headings guide the user through the page, with the main heading clearly indicating the purpose of deleting a supplier.  
  
**Buttons:** Buttons are strategically positioned below input fields, featuring bold text and a cohesive blue color scheme, ensuring they stand out as actionable elements.  
  
**Other Elements:** The form includes labeled input fields for information, with JavaScript functions provided for populating details and confirming deletion. The layout is designed to facilitate a smooth and intuitive user experience.

**User Interface**

**- Amend/View Page Description**

**Layout:** The layout of the page consists of two main sections: the left section containing submenu options and the right section dedicated to amending or viewing details.  
  
**Alignment:** Both sections are aligned horizontally and vertically within their containers, ensuring a balanced and visually appealing layout.  
  
**Background:** The left section has a light gray background, providing a subtle contrast to the white background of the right section, enhancing readability and focus on the form.  
  
**Border:** Input fields in the form are bordered with a light gray border, distinguishing them from the background and providing visual clarity.  
  
**Font and Font Size:** Consistent with the other pages, the default browser font is used for text throughout the page, with slightly larger headings for emphasis and clarity.  
  
**Text Color:** Black text is predominantly used for content, with white text used for buttons and icons, ensuring clear visibility and contrast against the background.  
  
**Headings:** Descriptive headings guide the user through the page, with the main heading clearly indicating the purpose of amending or viewing details.  
  
**Buttons:** Buttons are strategically positioned below input fields, featuring bold text and a cohesive blue color scheme, ensuring they stand out as actionable elements.  
  
**Other Elements:** The form includes labeled input fields for relevant information, with JavaScript functions provided for populating details, toggling input field lock, and confirming changes. The layout is designed to facilitate a smooth and intuitive user experience.

**User Interface**

**- Menu Page Description**

**Layout:** The layout of the page is centered both horizontally and vertically within the viewport, providing a balanced presentation of menu options.  
  
**Alignment:** Menu buttons are aligned vertically in the center of the page, ensuring easy readability and accessibility for users.  
  
**Background:** The background of the content area is a semi-transparent white color, creating a subtle contrast with the surrounding background while maintaining focus on the menu items.  
  
**Border:** The content area is bordered with a soft shadow effect, adding depth and dimension to the page without overwhelming the menu buttons.  
  
**Font and Font Size:** The Segoe UI font is used for text throughout the page, providing a clean and modern aesthetic. The font size is consistent, with larger headings for emphasis.  
  
**Text Color:** Black text is used for headings and button labels, ensuring clear visibility against the light background.  
  
**Headings:** The main heading "Main Menu" is prominently displayed at the top of the page, providing clear guidance to users about the purpose of the menu.  
  
**Buttons:** Menu buttons are styled with a cohesive blue color scheme, featuring bold text and a consistent width for a unified appearance. A hover effect is applied to enhance interactivity and user feedback.  
  
**Other Elements:** The page includes a "Log out" button styled differently from the menu buttons, prominently positioned at the bottom of the menu container for easy access. This button stands out with a red background color, signaling its importance as a logout action.

**System Layout**

**- Project overview Diagram**

A diagram of a company

Description automatically generated

**Database Tables**

**- Customer Structure Table**

A screenshot of a computer

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**- Customer Populated Table**

**A screenshot of a phone number

Description automatically generated**

**Database Tables**

**- Customer Payment Structure Table   
  
A screenshot of a computer

Description automatically generated**

**- Customer Payment Populated Table**

**A screenshot of a computer

Description automatically generated**

**Database Tables**

**- Equipment Item Structure Table**

**A screenshot of a computer

Description automatically generated**

**- Equipment Item Populated Table**

**A screenshot of a phone

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**Database Tables**

**- Equipment Type Structure Table**

**A screenshot of a computer

Description automatically generated**

**- Equipment Type Populated Table**

**A screenshot of a computer

Description automatically generated**

**Database Tables**

**- Hire Structure Table**

**A screenshot of a computer

Description automatically generated**

**- Hire Populated Table**

**A screenshot of a data table

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**Database Tables**

**- Order Item Structure Table**

**A screenshot of a computer

Description automatically generated**

**- Order Item Populated Table**

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**Database Tables**

**- Staff Structure Table**

**A screenshot of a computer

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**- Staff Populated Table**

**A screenshot of a computer

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**Database Tables**

**- Supplier Structure Table**

**A screenshot of a computer

Description automatically generated**

**- Supplier Populated Table**

**A screenshot of a computer

Description automatically generated**

**Database Tables**

**- Order Structure Table**

**A screenshot of a computer

Description automatically generated**

**- Order Populated Table**

**A screenshot of a computer

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**Group Work**

**- Html Menu Page**

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**Group Work**

**- CSS Menu Page**

A screenshot of a computer

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**Individual Work** (Emmanuel Abolade)

**- ER Diagram**

A diagram of er diagram for equipment hire

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**Individual Work** (Emmanuel Abolade)

**- Add Equipment Type Page – Screenshot**

**A screenshot of a computer

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**Individual Work** (Emmanuel Abolade)

**- Add Equipment Type Page – Html – Part 1**

**A screenshot of a computer

Description automatically generated**

**Individual Work** (Emmanuel Abolade)

**- Add Equipment Type Page – Html – Part 2**

**A screenshot of a computer program

Description automatically generated**

**Individual Work** (Emmanuel Abolade)

**- Delete Equipment Type Page - Screenshot**

**A screenshot of a computer

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A screenshot of a computer

Description automatically generated**

**Individual Work** (Emmanuel Abolade)

**- Delete Equipment Type Page – Html Part 1**

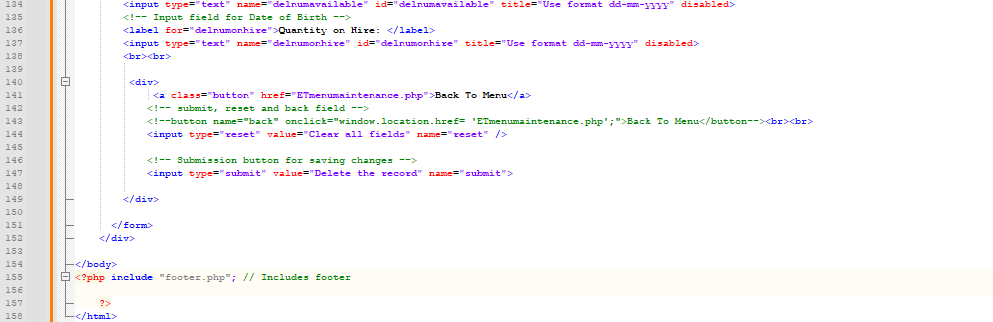
**A screenshot of a computer program

Description automatically generated**

**Individual Work** (Emmanuel Abolade)

**- Delete Equipment Type Page – Html Part 2**

**A screenshot of a computer

Description automatically generated  
**

**Individual Work** (Emmanuel Abolade)

**- Amend/View Equipment Type Page – Screenshot**

**A screenshot of a computer

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A screenshot of a computer

Description automatically generated**

**Individual Work** (Emmanuel Abolade)

**- Amend/View Equipment Type Page – Html Part 1**

A screenshot of a computer

Description automatically generated

**Individual Work** (Emmanuel Abolade)

**- Amend/View Equipment Type Page – Html Part 2**

**A screenshot of a computer

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A screenshot of a computer code

Description automatically generated**

**Individual Work** (Emmanuel Abolade)

**- Hiring of Equipment Page - Screenshot**

**A screenshot of a computer

Description automatically generated**

**Individual Work** (Emmanuel Abolade)

**- Hiring of Equipment Page – Html Part 1**

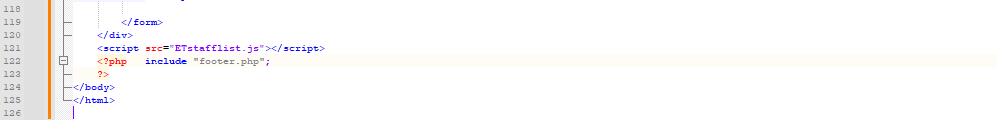
**A screenshot of a computer program

Description automatically generated**

**Individual Work** (Emmanuel Abolade)

**- Hiring of Equipment Page – Html Part 2**

**A screenshot of a computer program

Description automatically generated  
**

**Individual Work** (Ihor Antonov)

**– ER Entities**

**Hire Table:** hire\_id, number\_of\_days, duedate, cost, item\_id  
  
**Equipment Item Table:** id, condition, date bought, price, type\_id, hired\_status, is\_deleted  
  
**Equipment Type Table:** type\_id, desc, brand, category, supplier\_id, supplier\_catalogue\_code, cost\_per\_day, number\_available, numbr\_on\_hire, is\_deleted  
  
**Customer Table:** id, name, surname, address, eircode, phone\_number, credit\_limit, money\_balance, is\_deleted  
  
**Customer Payment Table:** id, cust\_id, payment\_date, details, payment\_type  
  
**Order Table:** id, date, supplier\_id, is\_delivered, delivery\_date  
  
**Order Item Table:** id, order\_id, type\_id, quantity  
  
**Supplier Table:** id, trading\_name, address, eircode, phoneno, email, website, is\_deleted  
  
**Staff Table:** id, name, surname, address, eircode, phone\_number, job\_title, username, password, is\_deleted

**Individual Work**(Ihor Antonov)

**– Add a Customer Page – Screenshot**

**A screenshot of a computer

Description automatically generated**

**Individual Work**(Ihor Antonov)

**– Add a Customer Page – Html**

**A screenshot of a computer program

Description automatically generated**

**Individual Work** (Ihor Antonov)

**– Delete a Customer Page - Screenshot**

**A screenshot of a computer

Description automatically generated**

**Individual Work** (Ihor Antonov)

**– Delete a Customer Page – Html – Part 1**

**A screenshot of a computer program

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Description automatically generated**

**Individual Work** (Ihor Antonov)

**– Amend/View Customer Page Screenshot**

**A screenshot of a computer

Description automatically generated**

**Individual Work** (Ihor Antonov)

**– Amend/View Customer Page Html**

**A screenshot of a computer program

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A screenshot of a computer

Description automatically generated**

**Individual Work** (Ihor Antonov)

**- Return of Equipment Page Screenshot**

**A screenshot of a computer screen

Description automatically generated**

**Individual Work** (Ihor Antonov)

**- Return of Equipment Page Html**

**A screenshot of a computer code

Description automatically generated**

**Individual Work** (Ihor Melashchenko)

**– Menu System**

A screenshot of a menu

Description automatically generated

**Individual Work***(*Ihor Melashchenko)

**– Add Equipment Item**

**A screenshot of a computer

Description automatically generated**

**Individual Work***(*Ihor Melashchenko)

**– Add Equipment Item Html**

**A screenshot of a computer program

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A screenshot of a computer code

Description automatically generated**

**Individual Work***(*Ihor Melashchenko)

**– Delete Equipment Item Screenshot**

**A screenshot of a computer

Description automatically generated**

**Individual Work***(*Ihor Melashchenko)

**– Delete Equipment Item Html**

**A screenshot of a computer program

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A computer screen shot of text

Description automatically generated**

**Individual Work** (Ihor Melashchenko)

**– Amend/View Equip. Item Screenshot**

**A screenshot of a computer

Description automatically generated**

**Individual Work** (Ihor Melashchenko)

**– Amend/View Equip. Item Html**

**A screenshot of a computer program

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A screenshot of a computer code

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**Individual Work** (Marvin A. Z. Santos)

**– Look & Feel Research**

Layout and Alignment, Background and Border, Font and Font Size, Text Colour, Heading, Button and Element Positioning.

**- Color Scheme**

**Primary:** #004E98 (Blue) - Represents trust and professionalism.

**Secondary:** #3A6EA5 (Light Blue) - Indicates success and positive actions.

**Tertiary:** #C0C0C0 (Gray) - Provides balance and readability.

**Background:** #EBEBEB (Light Gray) - Enhances readability and visual comfort.

**Accent:** #FF6700 (Orange) - Draws attention to important alerts and notifications.

A blue and grey color scheme

Description automatically generated with medium confidence

**Individual Work** (Marvin A. Z. Santos)

**Add a Supplier - Screenshot**

A screenshot of a computer

Description automatically generated

**Add a Supplier - Html**

A screenshot of a computer program

Description automatically generatedA screenshot of a computer code

Description automatically generated

**Individual Work**(Marvin A. Z. Santos)

**Delete a Supplier - Screenshot**

A screenshot of a computer

Description automatically generated

**Individual Work**(Marvin A. Z. Santos)

**Delete a Supplier – Html - Part 1**

**A screenshot of a computer program

Description automatically generated**

**Individual Work**(Marvin A. Z. Santos)

**Delete a Supplier – Html - Part 2**

**A screenshot of a computer

Description automatically generated  
A computer screen shot of text

Description automatically generated**

**Individual Work**(Marvin A. Z. Santos)

**Amend/View a Supplier – Screenshot**

**A screenshot of a computer

Description automatically generated**

**Individual Work**(Marvin A. Z. Santos)

**Amend/View a Supplier – Html Part 1**

**A screenshot of a computer

Description automatically generated**

**Individual Work**(Marvin A. Z. Santos)

**Amend/View a Supplier – Html Part 2**

**A screenshot of a computer

Description automatically generated  
A screenshot of a computer code

Description automatically generated**

**Individual Work** (Marvin A. Z. Santos)

**Make a Payment - Screenshot**

**A screenshot of a computer

Description automatically generated**

**Individual Work** (Marvin A. Z. Santos)

**Make a Payment – Html – Part 1**

**A screenshot of a computer

Description automatically generated**

**Individual Work** (Marvin A. Z. Santos)

**Make a Payment – Html – Part 2**

**A screenshot of a computer program

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A screenshot of a computer program

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