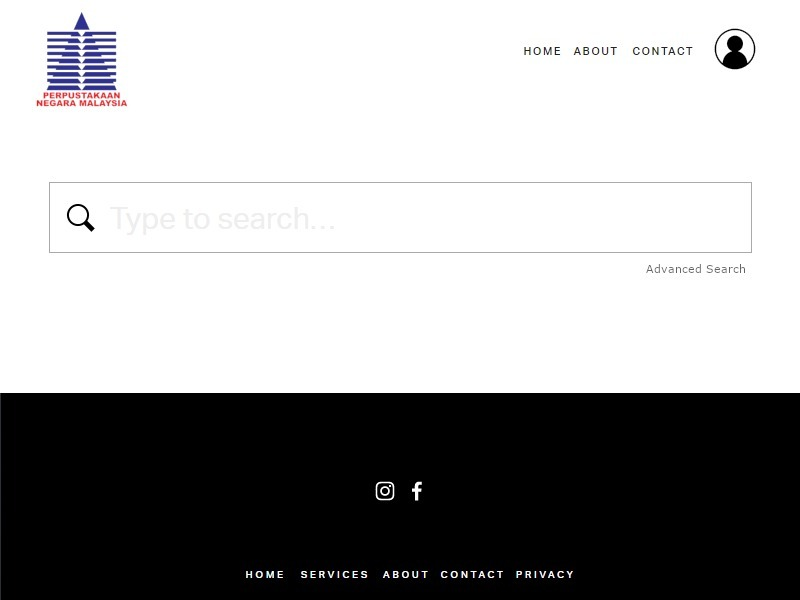
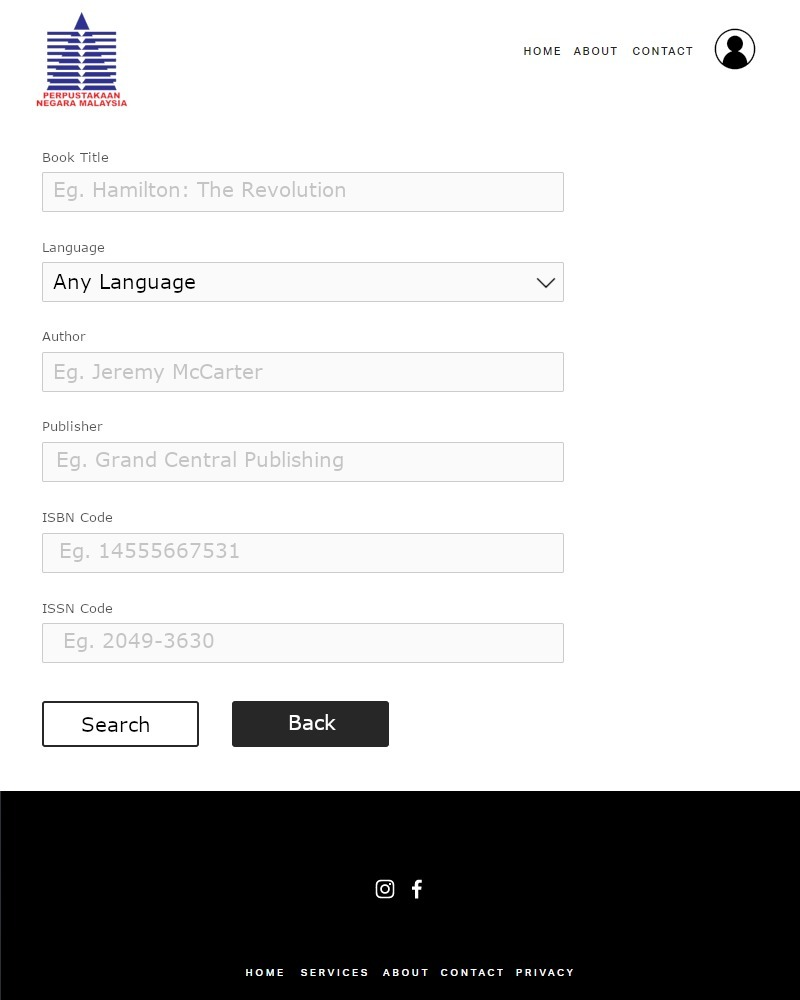
**10.1.1 User-friendly Interface Characteristics**

**Ease of Data Entry**

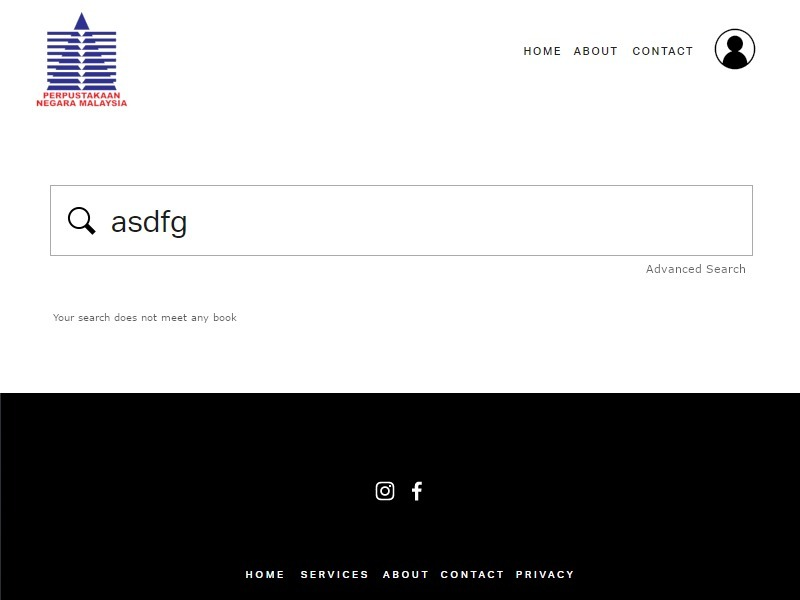
* This is a search page for the National Library of Malaysia. The data entry screen in the same logical order as the input form. After that it also have a clear title of field and if user insert an invalidation data it has a provision of data validation checks in order to reduce potential human data entry error.





**10.1.2 Types of Data Validation**

**Existence check**

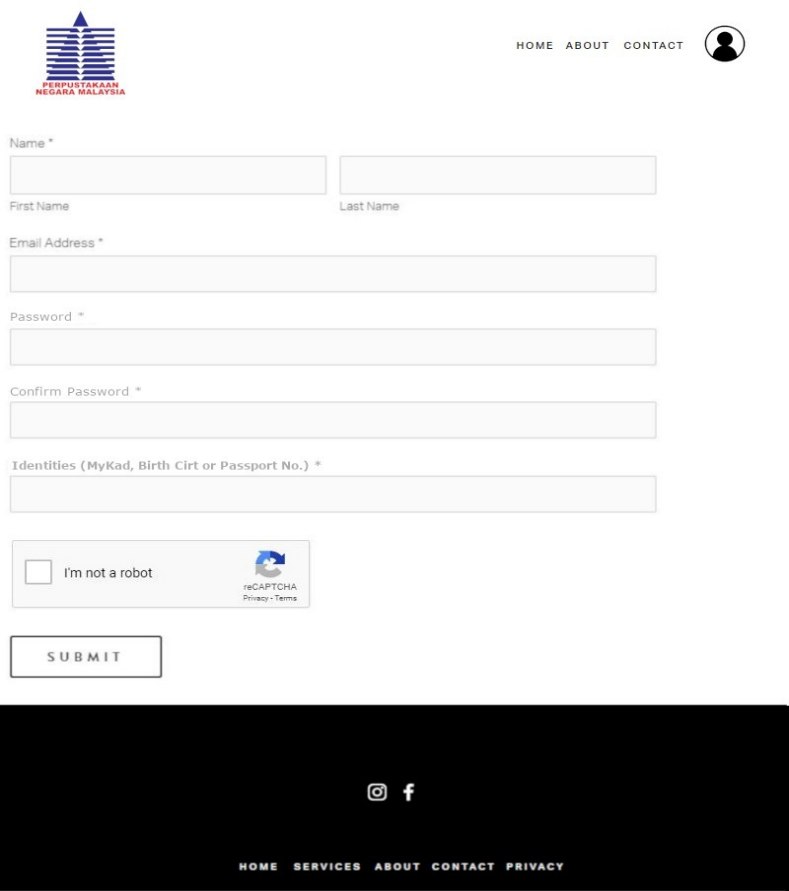
* The book of user wants to find is checked for the existence in library. If the book does not exist in library, it will display an error to inform user and if the book is existing it will display the book information for the user.

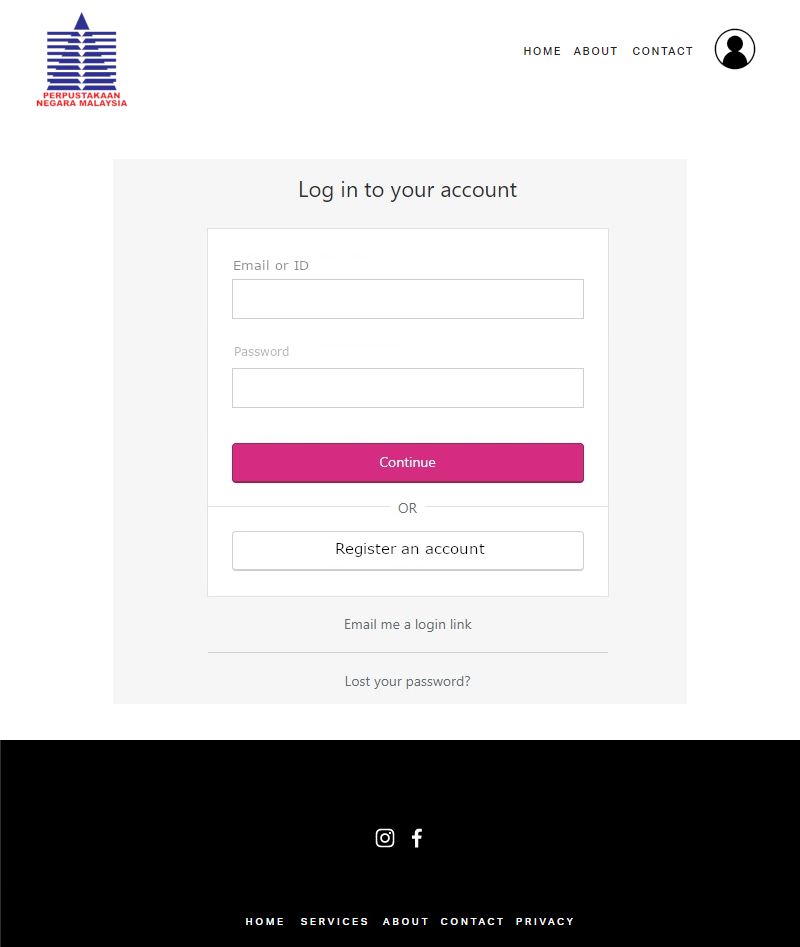
**10.2.1 User-friendly Interface Characteristics**

**HELP Facilities**

* This is a register page and login page for the National Library of Malaysia. It contains a hypertext in a box. This can help when users are unsure or unable to perform a certain function or made an error and it also accompanied by an example application of the command. When user key in invalid data it will suggest a correct alternative to the command that the user has specified.

**Register Page**



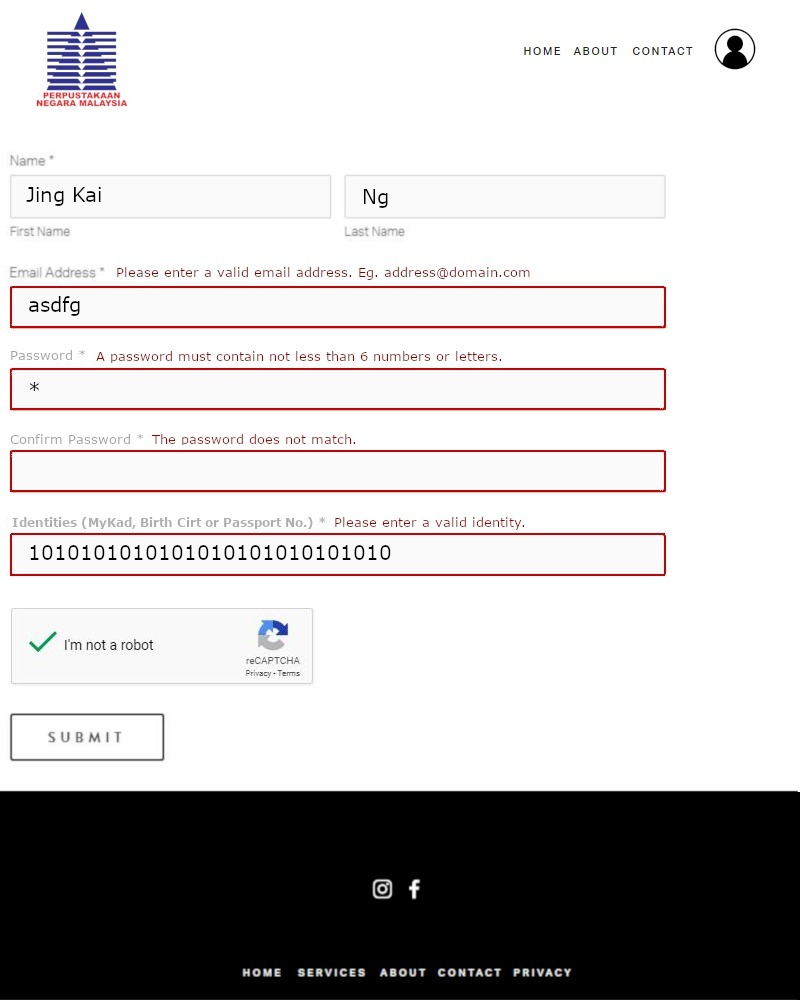
**Login Page**

**10.2.2 Types of Data Validation**

**Data Type check**

* No digit and symbol in the name check. No alphabetic data in identifier check.

**Format check**

* Use to check email format such as [xxx@gmail.com](mailto:xxx@gmail.com)

**10.3.1 User-friendly Interface Characteristics**

**Default Value**

* The default value is set as an option, so if the user does not make an option, the process will continue to the default option.

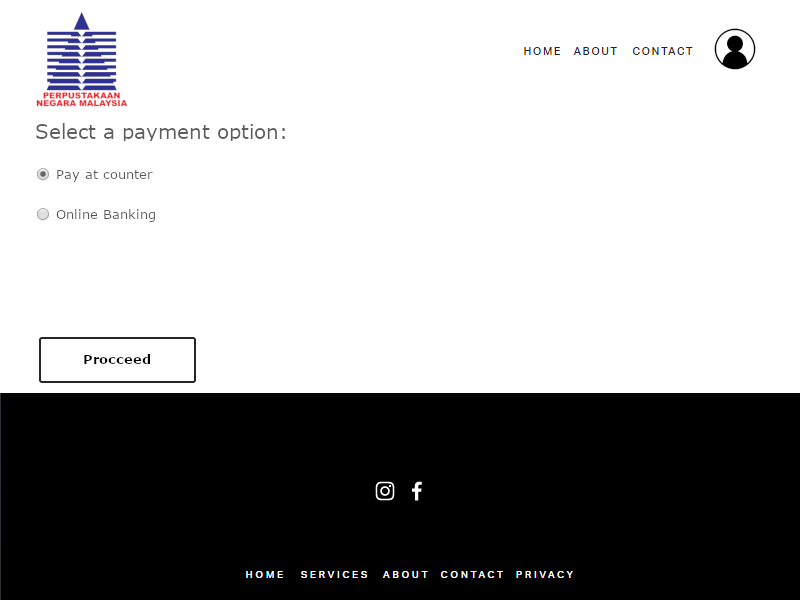
**10.3.2 Types of Data Validation**

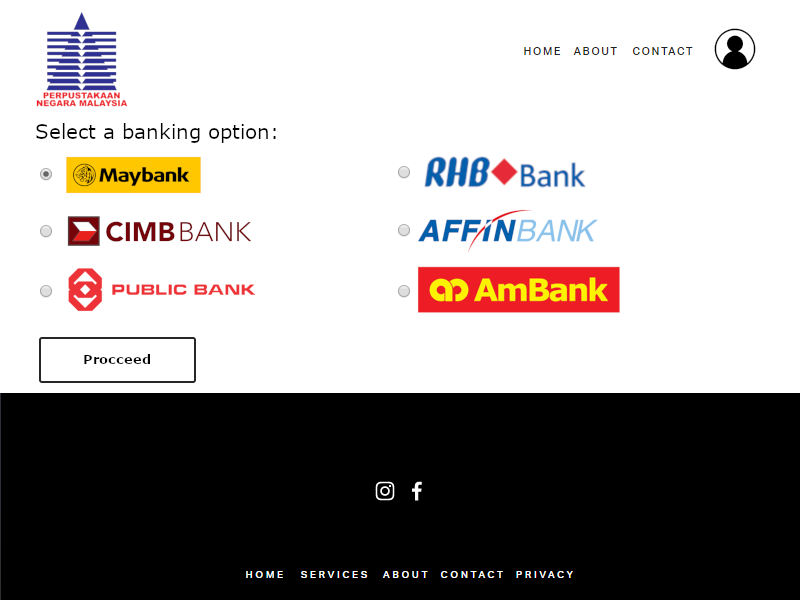
**Range check**

* No multiple options in the payment option check.

**Presence Check**

* Cannot leave the options empty

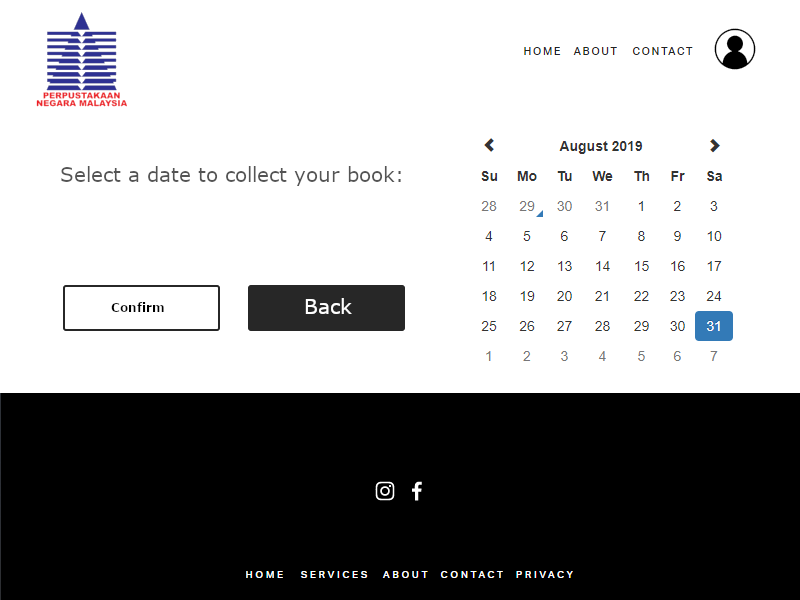
**Payment Options Page**

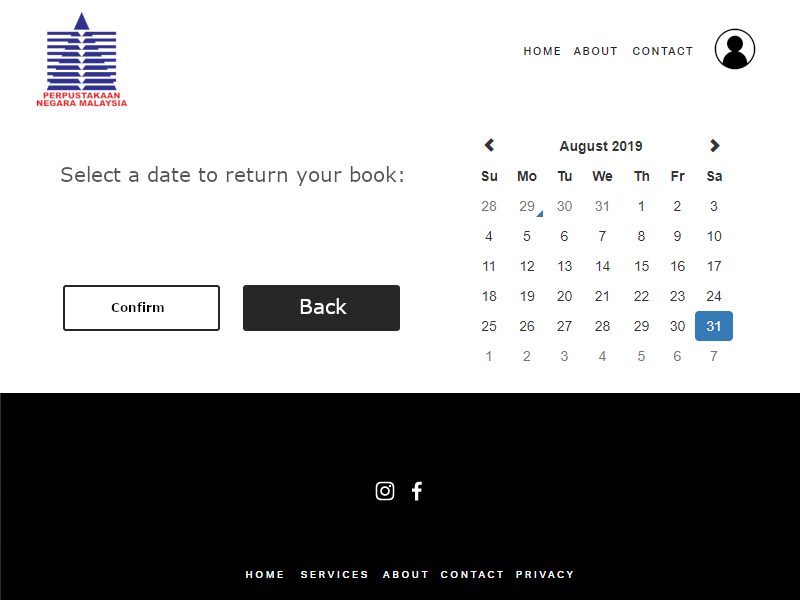
**Banking Options Page**

**10.4.1 User-friendly Interface Characteristics**

**Ease of Data Entry**

* This is the collection date page of National Library of Malaysia website. The user interface displays a date drop down list for user to click on a date. The date picker user interface replaced the date format which is confusing. E.g. 2/3/2012, 2 March 2012, or March 2 2012.

**Collection date**

**Return date**

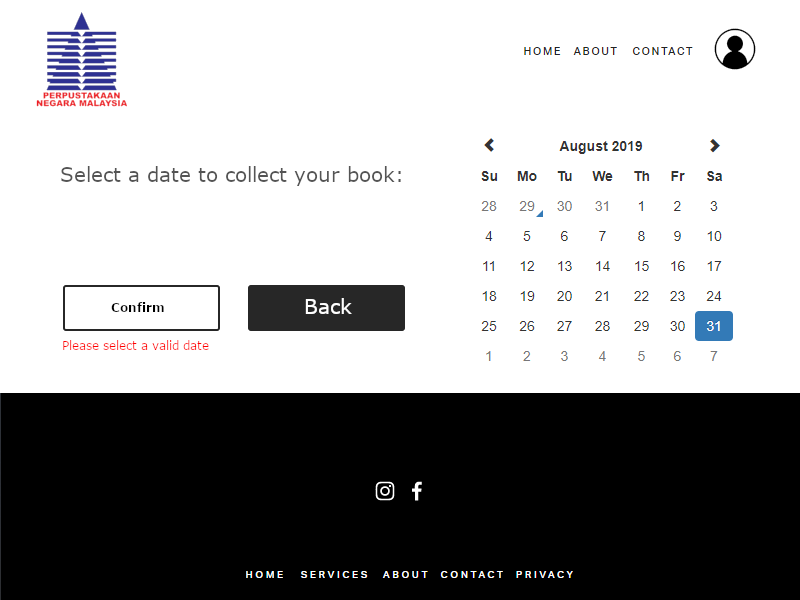
**10.4.2 Types of Data Validation**

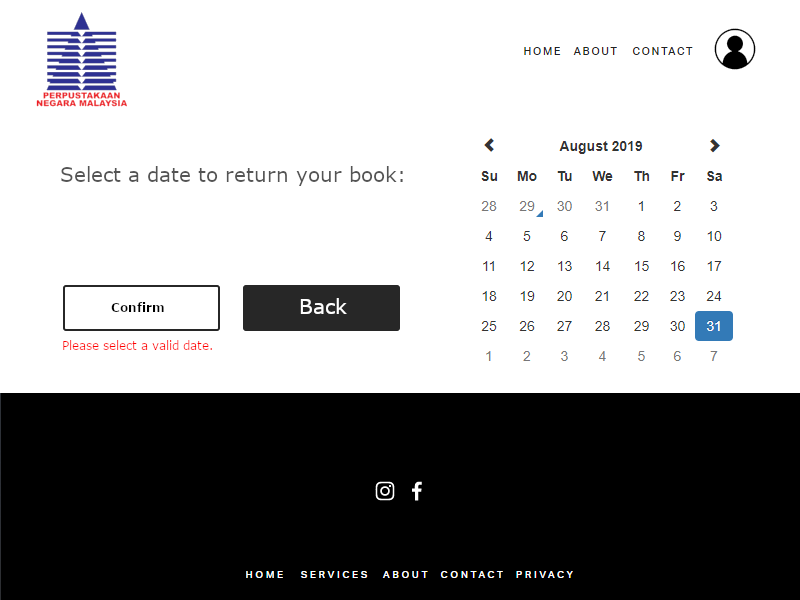
**Range Check**

* Restricting date ranges such as only after today and not more than two weeks can only be chosen.

**Data Type Check**

* Only date type can be entered to this user interface.

**Collection date validate input**

**Return date validate input**