|  |  |  |  |
| --- | --- | --- | --- |
| Marking Matrix | | | |
| *Criteria* | *Feedback* | *Available* | *Mark* |
| A uniform and detailed user specification. |  | 40 |  |
| A detailed system specification outlining expected system inputs and outputs |  | 40 |  |
| A consistent and professional requirement specification document. Where appropriate there is clear consistency between user and system specifications. |  | 20 |  |
|  | *Total* | 100 |  |

System Requirement Specification

Software Engineering and Design (Assignment One)

**Student Name:** Will Pritchatt

**Student ID:** S194164

**Date Submitted:** XX/XX/XX

# **Requirement Specification**

*As part of your response to the call for tender, you must undertake the process of requirement engineering. Produce a requirement specification that attempts to fully capture the requirements for the web or mobile application, considering all elements of your intended user experience and the system that may be required to support that experience.*

## User Specifications

*Documentation written for a non-technical audience and contains only the detail necessary. You can re-structure this section as you see fit.*

1. The software **must** allow users to search for available hotels.
2. The software **must** allow users to the option of choosing additional extras (e.g. breakfast) as part of the booking process.
3. The software **must** prevent double-booking from occurring.
4. The software **mus**tfinalise the booking by requesting the user’s payment details.
5. The software **must** send the user information about the purchase once complete.

## System Specifications

*Documentation written for a technical audience and contains significantly more detail. You may find that (like in the example below) that these requirements relate to those written in the user specification above. In some cases, they wont (e.g. making recommendations for technology or programming languages are unlikely to be related to a user requirement). You can re-structure this section as you see fit.*

1. Search for available hotels
   1. The users **must** enter the start and end date of their stay into a text field
      1. Upon this field gaining focus a date range picker **must** be displayed
         1. Users **will not** be able to select dates before today’s date
         2. Users **will not** be able to select a date range that is longer than 30-days.
         3. Users **will not** be able to select a date range that is shorter than 1 day.
      2. The user **must** enter the number of guests (integer).
         1. The user
   2. …
2. …