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| |  |  | | --- | --- | | **Responsibilities:**  Runs the program | **Collaborators:**  HotelMenu |   HotelSystem |

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| |  |  | | --- | --- | | **Responsibilities:**  Basic requirements:  Authorises login access  Determines admin or customer privileges  Gets username of current user | **Collaborators:**  FileReader  HotelMenu |   Login |

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| |  |  | | --- | --- | | **Responsibilities:**  Acts as the main interaction hub between user and system  Displays the text to the command line | **Collaborators:**  HotelSystem  Login  ReservationCalendar |   HotelMenu |

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| |  |  | | --- | --- | | **Responsibilities:**  Reads CSVs | **Collaborators:**  Login  ReservationCalendar |   FileReader |

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| |  |  | | --- | --- | | **Responsibilities:**  Add reservations from CSV to arraylist  Add hotels  Add bookings  Cancel bookings  Check availability of rooms  Get all current reservations  Update the CSV | **Collaborators:**  Reservation  Room  Hotels  HotelMenu  FileReader |   ReservationCalendar |

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| |  |  | | --- | --- | | **Responsibilities:**  Contains all methods to edit the reservationCalendar  Contains data fields such as number of rooms, room type, AP/SP, etc. | **Collaborators:**  Reservation  ReservationDate |   Reservation |

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| |  |  | | --- | --- | | **Responsibilities:**  Creates a date for the reservations. | **Collaborators:**  Reservation |   ReservationDate |

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| |  |  | | --- | --- | | **Responsibilities:**  Adds new hotels or rooms to the hotels CSV | **Collaborators:**  ReservationCalendar  Room |   Hotels |

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| |  |  | | --- | --- | | **Responsibilities:**  Contains all the methods to create a new room  Contains data fields such as cost per night, max occupancy, min occupancy etc. | **Collaborators:**  Hotels  ReservatonCalendar |   Room |