**A screenshot of a computer program

Description automatically generatedData dictionary**

Hotel group project

Globals:

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| Declaration | description | Places used/changed |
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Subroutines:

All subroutines have been initialised in common.c while they are then declared in common.h. This is a header file included in every file in order to give access to the following subroutines.

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| Declaration | description | Places used/changed |
| generatebooking\_id | This generates a random num which is added on to the last name of the user | Stated in common.c used in check in.c |
| has\_numbers | For loop whichchecks is string is all nums | Stated in common.c used in check in.c in name validation |
| validate\_board | Checks if the board type is either FB or HB or BB | Stated in common.c used in check in.c in board validation |
| create\_directory | Makes a directory(folder) which is then used later to hold user info | Stated in common.c used in check in.c |
| Get\_firstname | Holds firstname and copys it to the booking id folder | Stated in common.c used in check in.c |
| Check booking id | Ensures the booking ID entered is equal to the booking id stored under storage | Stated in common.c used in bookTable.c |
| Checkin | One of the mother subroutines to begin check in process | Stated in check in.c used in main.c |
| Book\_table | One of the mother subroutines to begin the book table process | Stated in check in.c used in main.c |
| Check\_out | One of the mother subroutines to begin check out process | Stated in check\_out.c used in main.c |
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