

# MISSION TO MARS

User Manual

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## 1 Executing the application

In the zip file we have submitted both the codes and also a jar file. We have compiled the code in intelliJ IDE.

First, unzip it and save in some local directory.

To run the jar file please provide the following command in the terminal from the jar folder location

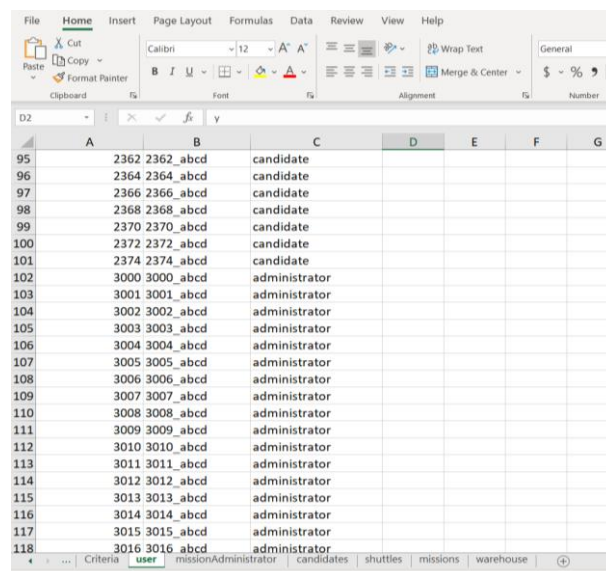
```
java -jar FIT5136_S1_2020_10.jar
```

```
sierra@coryVM:~/Desktop/app$ java -jar FIT5136_S1_2020_10.jar
```

The java version 14 has been used for this assignment. Using version bellow 14 might cause error in running the program. Also, we need to put the excel file in the same folder as the jar file.

## 2 Login Process:

After running the application successfully, it will require the user to log in. The user can login as a coordinator, administrator or as an candidate. To login you will need to provide the user type specific ID and Password. We have provided the list of user Id and password in an excel sheet. You can choose any one of those.



|     | A    | B         | C             | D | E | F | G |
|-----|------|-----------|---------------|---|---|---|---|
| 95  | 2362 | 2362_abcd | candidate     |   |   |   |   |
| 96  | 2364 | 2364_abcd | candidate     |   |   |   |   |
| 97  | 2366 | 2366_abcd | candidate     |   |   |   |   |
| 98  | 2368 | 2368_abcd | candidate     |   |   |   |   |
| 99  | 2370 | 2370_abcd | candidate     |   |   |   |   |
| 100 | 2372 | 2372_abcd | candidate     |   |   |   |   |
| 101 | 2374 | 2374_abcd | candidate     |   |   |   |   |
| 102 | 3000 | 3000_abcd | administrator |   |   |   |   |
| 103 | 3001 | 3001_abcd | administrator |   |   |   |   |
| 104 | 3002 | 3002_abcd | administrator |   |   |   |   |
| 105 | 3003 | 3003_abcd | administrator |   |   |   |   |
| 106 | 3004 | 3004_abcd | administrator |   |   |   |   |
| 107 | 3005 | 3005_abcd | administrator |   |   |   |   |
| 108 | 3006 | 3006_abcd | administrator |   |   |   |   |
| 109 | 3007 | 3007_abcd | administrator |   |   |   |   |
| 110 | 3008 | 3008_abcd | administrator |   |   |   |   |
| 111 | 3009 | 3009_abcd | administrator |   |   |   |   |
| 112 | 3010 | 3010_abcd | administrator |   |   |   |   |
| 113 | 3011 | 3011_abcd | administrator |   |   |   |   |
| 114 | 3012 | 3012_abcd | administrator |   |   |   |   |
| 115 | 3013 | 3013_abcd | administrator |   |   |   |   |
| 116 | 3014 | 3014_abcd | administrator |   |   |   |   |
| 117 | 3015 | 3015_abcd | administrator |   |   |   |   |
| 118 | 3016 | 3016_abcd | administrator |   |   |   |   |

(Fig-2, user login ID and Password)

If the user can login successfully a time stamp will be there for that user.

```

=====
<<<<<<<<<  MISSION TO MARS  >>>>>>>>>
=====

Welcome to Employ Fast Module
Please login using your user name and password

Enter your user Id:
4000
Enter your password:
4000_abcd

```

(User attempts to Login)

```

=====
<<<<<<<<<  MISSION TO MARS  >>>>>>>>>
=====

Welcome 3000
Logged in as: administrator
Last login: 07-06-2020 15:22:50

Please select from the following options

1. Manage Mission
2. Select Space Shuttle
3. Create Employment Selection Criteria
4. Display Candidates List
5. Exit Application

Enter your option (1-5):

```

(Logged in as Coordinator)

```

=====
<<<<<<<<<  MISSION TO MARS  >>>>>>>>>
=====

Welcome 4000
Logged in as: coordinator
Last login: 07-06-2020 15:21:19

Please select from the following options

1. Create Mission
2. Manage Mission
3. Exit Application

Enter your option (1-3):

```

(Logged in as Coordinator)

```

=====
<<<<<<<<<  MISSION TO MARS  >>>>>>>>>
=====

Welcome 2176
Logged in as: candidate
Last login: 07-06-2020 15:24:12

Please select from the following options

1. Check Candidate Profile.
2. Edit Candidate Profile.
3. Check Health Record.
4. Check Criminal Record.
5. Check Offer Status.
Press ENTER to continue

```

(Logged in as Candidate)

For the login process to fail, there are two condition. Either the user name or the password is in correct or the user does not exist.

```

=====
<<<<<<<<<  MISSION TO MARS  >>>>>>>>>
=====

Welcome to Employ Fast Module
Please login using your user name and password

Enter your user Id:
1234
Enter your password:
1234_abcd
User does not exist. Contact administrator

```

(The user password is incorrect)

```

=====
<<<<<<<<<  MISSION TO MARS  >>>>>>>>>
=====

Welcome to Employ Fast Module
Please login using your user name and password

Enter your user Id:
3000
Enter your password:
3000_qwerty
Incorrect password. Please try again

```

(The user does not exist)

## 2.1 Assumption in Login:

For the assignment we were assigned to complete feature five along with some other features. But feature five depends on feature four. To overcome the obstacle we have made the assumption that the list of candidates that we have are the candidates who have created accounts to mission to mars system and we have also used the provided list of candidate for that purpose.

| ID   | name                | date of birth | street                               | city           | postal | country              | phone          | identificationType | gender | allergies | foodPreferer | qualification | yes |
|------|---------------------|---------------|--------------------------------------|----------------|--------|----------------------|----------------|--------------------|--------|-----------|--------------|---------------|-----|
| 2176 | Len Hale            | 07/22/2004    | P.O. Box 549, 360-Seevetal           |                | 85200  | Heard Island and Mcd | 178-9940       | PAN                | female | cereals   | vegan        | Masters       | 3yr |
| 2178 | Bianca Espinoza     | 12/07/1986    | P.O. Box 420, 156-Banbury            |                | 18722  | Grenada              | 849-2326       | SSN                | female | pork      | kosher       | Bachelor      | 2yr |
| 2180 | Anika Frost         | 03/10/2002    | 8904 Ante Ave                        | My             | 11236  | Andorra              | 1-912-959-6267 | ABN                | male   | peanuts   | kosher       | Masters       | 4yr |
| 2182 | Kessie Barlow       | 01/24/1995    | Ap #286-3953 At I Cap-de-la-Madeleir |                | 38520  | Turkmenistan         | 1-779-771-4961 | ADHAAR             | female | pasta     | kosher       | Bachelor      | 10y |
| 2184 | Lawrence Campbell   | 01/21/1994    | Ap #285-7993 Nis Morhet              |                | 44526  | Kazakhstan           | 263-6463       | ABN                | male   | cereals   | halal        | Graduate      | 2yr |
| 2186 | Alistair Gilbert    | 04/21/2009    | P.O. Box 963, 196-Porirua            |                | 62854  | Japan                | 149-1097       | SSN                | female | none      | halal        | Masters       | 12y |
| 2188 | Jaden Curtis        | 09/09/1982    | 454 Euismod St.                      | Eckville       | 23221  | Syria                | 1-379-888-8028 | PAN                | male   | peanuts   | kosher       | Masters       | 2yr |
| 2190 | Alik Reynolds       | 08/06/2000    | Ap #913-1525 Cor Machynlleth         |                | 60022  | Spain                | 1-110-763-7868 | ADHAAR             | female | beef      | vegan        | Bachelor      | 15y |
| 2192 | Dante McGowan       | 02/06/1990    | P.O. Box 922, 847i Pau               |                | 41080  | Tunisia              | 596-0152       | SSN                | female | pasta     | vegan        | Graduate      | 12y |
| 2194 | Morgan Aguirre      | 09/09/1974    | Ap #811-5890 Ipsi Yangsan            |                | 32735  | Falkland Islands     | 441-4057       | ADHAAR             | female | pasta     | none         | Bachelor      | 2yr |
| 2196 | Inez Gibbs          | 06/13/1966    | Ap #753-8005 Hyr Tunja               |                | 554397 | Fiji                 | 597-5548       | PAN                | male   | peanuts   | vegetarian   | Bachelor      | 4yr |
| 2198 | Nero Church         | 09/12/2004    | P.O. Box 762, 735i La Cruz           |                | 53711  | Eritrea              | 1-415-937-6421 | ABN                | female | any nuts  | kosher       | MBBS          | 8yr |
| 2200 | Rahim Barker        | 07/02/1979    | Ap #534-3480 Per Lahore              |                | 54321  | Croatia              | 881-8489       | ADHAAR             | male   | pasta     | vegan        | Masters       | 5yr |
| 2202 | Hedda Conley        | 04/17/1977    | 540 Sed Street                       | Trois-Rivières | 48128  | Uruguay              | 450-4393       | ADHAAR             | male   | lactose   | none         | Masters       | 10y |
| 2204 | Desirae Waller      | 01/11/1973    | 143-8363 Suscipit Bear               |                | 84412  | Netherlands          | 1-363-881-2536 | TFN                | male   | cereals   | none         | Masters       | 15y |
| 2206 | Lionel Wyatt        | 05/27/1971    | Ap #736-7990 Dor Ophoven             |                | 20930  | United Arab Emirates | 1-626-968-5396 | ADHAAR             | male   | lactose   | vegan        | Bachelor      | 12y |
| 2208 | Beatrice McCullough | 03/04/1974    | Ap #319-1334 Libi Laces/Latsch       |                | 76030  | Suriname             | 1-407-818-8071 | ABN                | male   | beef      | none         | Masters       | 12y |
| 2210 | Amery Moran         | 04/11/1994    | 307-272 Mi Aveni, Lörrach            |                | 3784   | Sweden               | 259-9559       | ABN                | female | peanuts   | halal        | Masters       | 8yr |
| 2212 | Jolie Alston        | 11/05/1987    | 751-8469 Dictum, Soye                |                | 79604  | Mali                 | 615-7460       | TFN                | female | none      | none         | Bachelor      | 4yr |
| 2214 | Valentine Le        | 10/05/1986    | 871-1758 Quis Avi Greater Sudbury    |                | 10611  | Iran                 | 1-142-213-9290 | TFN                | female | lactose   | vegetarian   | Masters       | 9yr |
| 2216 | Elmo Fisher         | 07/18/1973    | P.O. Box 305, 341 San Chirico Nuovo  |                | 28108  | Tanzania             | 871-4385       | ADHAAR             | female | lactose   | none         | Masters       | 2yr |
| 2218 | Ulysses Daniels     | 05/28/1993    | 5655 Et St.                          | Pizzoferatto   | 23678  | Turkey               | 1-833-711-0162 | ABN                | female | any nuts  | vegetarian   | MBBS          | 8yr |
| 2220 | Clark Oneil         | 07/04/1982    | Ap #828-2098 Am Beaumont             |                | 17393  | France               | 1-976-510-9945 | SSN                | female | cereals   | vegetarian   | Masters       | 6yr |
| 2222 | Camden Harris       | 02/25/1989    | 2077 Tellus, Aven Crescentino        |                | 19163  | Iceland              | 1-237-612-0557 | PAN                | female | cereals   | vegan        | Masters       | 8yr |
| 2224 | Lars Berry          | 02/02/1962    | 1562 Sed Rd.                         | Treppo Carnico | 98765  | Marshall Islands     | 1-409-284-4082 | ADHAAR             | male   | cereals   | vegetarian   | Masters       | 10y |
| 2226 | Emily Stout         | 09/09/1987    | Ap #612-2446 Sit, Roccamana          |                | 87601  | Monrovia             | 1-927-547-4783 | SSN                | female | any nuts  | halal        | MBBS          | 10y |

(Candidates list with ID and Name)

## 3 Logout:

The user is given the option to logout or exit in all possible relevant places. The successful logout would require typing a specific number and then the user is log out.

```
sierra@coryvm: ~/Desktop/app
File Edit Tabs Help
===== MISSION TO MARS =====
Are you sure you want to exit the application?
Enter 1 to exit
OR enter 0 to cancel and go back to MAIN MENU:
1
Exiting the application ...
===== THANK YOU =====
```

## 4 Creating a Mission (Feature one):

When the coordinator login the terminal will show the option for mission creation or to edit the mission information which we are calling “Manage Mission”. If the coordinator type “1” it will

take him/her to the new mission creation page. Here s/he will put all the information necessary for creating a mission.



```
=====
<<<<<<<<< MISSION TO MARS >>>>>>>>
=====

Welcome 4000
Logged in as: coordinator
Last login: 07-06-2020 20:44:40

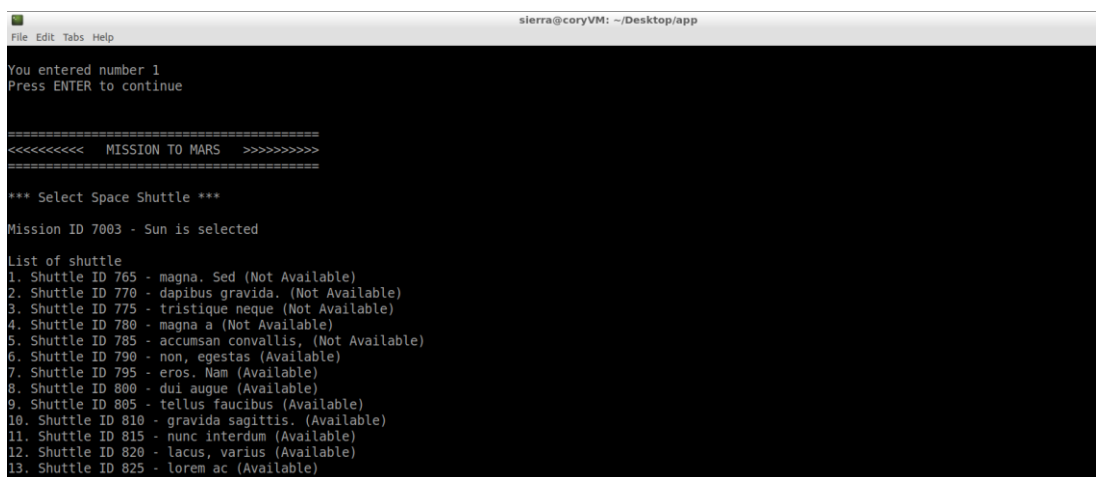
Please select from the following options

1. Create Mission
2. Manage Mission
3. Exit Application

Enter your option (1-3):
```

## 5 Selecting a space shuttle (Feature 2):

For this part of the application the user needs to login as an administrator. When administrator successfully logs in to the system and types the input for the “select space shuttle” feature, it will display the list of created missions.



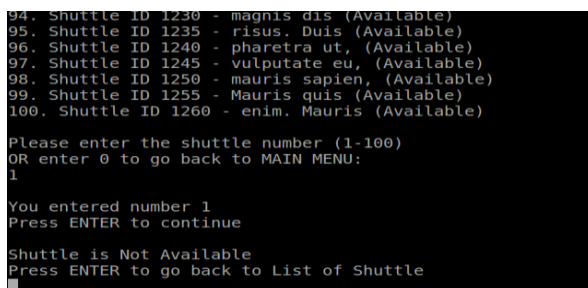
```
=====
<<<<<<<<< MISSION TO MARS >>>>>>>>
=====

*** Select Space Shuttle ***

Mission ID 7003 - Sun is selected

List of shuttle
1. Shuttle ID 765 - magna. Sed (Not Available)
2. Shuttle ID 770 - dapibus gravida. (Not Available)
3. Shuttle ID 775 - tristique neque (Not Available)
4. Shuttle ID 780 - magna a (Not Available)
5. Shuttle ID 785 - accumsan convallis, (Not Available)
6. Shuttle ID 790 - non, egestas (Available)
7. Shuttle ID 795 - eros. Nam (Available)
8. Shuttle ID 800 - dui augue (Available)
9. Shuttle ID 805 - tellus faucibus (Available)
10. Shuttle ID 810 - gravida sagittis. (Available)
11. Shuttle ID 815 - nunc interdum (Available)
12. Shuttle ID 820 - lacus, varius (Available)
13. Shuttle ID 825 - lorem ac (Available)
```

The administrator will require to type the number of a specific mission to add space shuttle. When the user types the correct mission ID, the administrator will be shown the list of all the shuttle with its status whether it is available or not.

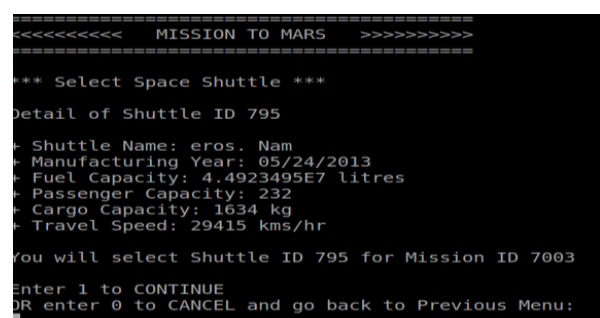


```
94. Shuttle ID 1230 - magnis dis (Available)
95. Shuttle ID 1235 - risus. Duis (Available)
96. Shuttle ID 1240 - pharetra ut, (Available)
97. Shuttle ID 1245 - vulputate eu, (Available)
98. Shuttle ID 1250 - mauris sapien, (Available)
99. Shuttle ID 1255 - Mauris quis (Available)
100. Shuttle ID 1260 - enim. Mauris (Available)

Please enter the shuttle number (1-100)
OR enter 0 to go back to MAIN MENU:
1

You entered number 1
Press ENTER to continue

Shuttle is Not Available
Press ENTER to go back to List of Shuttle
```



```
=====
<<<<<<<<< MISSION TO MARS >>>>>>>>
=====

*** Select Space Shuttle ***

Detail of Shuttle ID 795
+ Shuttle Name: eros. Nam
+ Manufacturing Year: 05/24/2013
+ Fuel Capacity: 4.4923495E7 litres
+ Passenger Capacity: 232
+ Cargo Capacity: 1634 kg
+ Travel Speed: 29415 kms/hr

You will select Shuttle ID 795 for Mission ID 7003

Enter 1 to CONTINUE
OR enter 0 to CANCEL and go back to Previous Menu:
```

When the administrator wants to see the details of a space shuttle, s/he has to type the correct number and it will display all the information of the shuttle. It will also allow the administrator to either select this shuttle or to go back to the shuttle list by typing specific number. If the

administrator selects the shuttle by typing the specific number, this value will be updated in the excel file in the column shuttle status.

|    | O                     | P                   | Q                            | R               | S                   | T | U                            | V | W |
|----|-----------------------|---------------------|------------------------------|-----------------|---------------------|---|------------------------------|---|---|
| 1  | secondary language    | cargo for           | cargo required               | quantity requir | missionShuttle (ID) |   | missionDestination           |   |   |
| 2  |                       | mission             | concrete, desserts, water    | 51              | 765                 |   | 65° 20.708' N 145° 76.295' W |   |   |
| 3  | hausa, bengali, telug | journey             | chicken                      | 391             | 770                 |   | 65° 20.708' N 145° 76.295' W |   |   |
| 4  | punjabi, mandarin, f  | journey             | soups                        | 57              | 775                 |   | 65° 20.708' N 145° 76.295' W |   |   |
| 5  | japanese              | journey And Mission | soups, pies                  | 217             |                     |   | 65° 20.708' N 145° 76.295' W |   |   |
| 6  |                       | journey And Mission | desserts, cereals, sandwiche | 24              | 780                 |   | 65° 20.708' N 145° 76.295' W |   |   |
| 7  | arabic                | journey And Mission | concrete, pasta              | 153             | 785                 |   | 65° 20.708' N 145° 76.295' W |   |   |
| 8  |                       | journey             | desserts                     | 471             |                     |   | 65° 20.708' N 145° 76.295' W |   |   |
| 9  | bengali, hausa        | journey             | pasta, surgical              | 114             |                     |   | 65° 20.708' N 145° 76.295' W |   |   |
| 10 | greek, russian        | mission             | chicken                      | 481             |                     |   | 65° 20.708' N 145° 76.295' W |   |   |
| 11 | russian, arabic       | journey And Mission | soup                         | 277             |                     |   | 65° 20.708' N 145° 76.295' W |   |   |
| 12 |                       | journey             | seafood                      | 436             |                     |   | 65° 20.708' N 145° 76.295' W |   |   |
| 13 |                       | journey And Mission | cereals, stews               | 339             |                     |   | 65° 20.708' N 145° 76.295' W |   |   |
| 14 | portugese, russian, r | journey And Mission | seafood                      | 42              |                     |   | 65° 20.708' N 145° 76.295' W |   |   |
| 15 |                       | journey And Mission | surgical                     | 116             |                     |   | 65° 20.708' N 145° 76.295' W |   |   |
| 16 | hausa, mandarin, ita  | mission             | pies, noodles                | 436             |                     |   | 65° 20.708' N 145° 76.295' W |   |   |
| 17 |                       | journey And Mission | stews, concrete              | 455             |                     |   | 65° 20.708' N 145° 76.295' W |   |   |
| 18 | bengali, greek, frenc | journey             | surgical                     | 485             |                     |   | 65° 20.708' N 145° 76.295' W |   |   |
| 19 |                       | journey And Mission | seeds, surgical, soups, wood | 427             |                     |   | 65° 20.708' N 145° 76.295' W |   |   |
| 20 |                       | journey And Mission | seeds, surgical, pasta, peas | 478             |                     |   | 65° 20.708' N 145° 76.295' W |   |   |

(Shuttle status updated)

## 5.1 Assumption in Selecting a space shuttle:

For the space shuttle information, we have used the provided data.

## 6 Creating Selection Criteria:

For selecting selection criteria, the user login as the administrator and then inputs “3” and will take him to the selection criteria page. It will contain the mission name for which selection criteria is to be set.

```

sierra@coryVM: ~/Desktop/app
File Edit Tabs Help
===== MISSION TO MARS =====
*** Create Employment Selection Criteria ***

List of available missions
1. Mission ID 7003 - Sun (Shuttle ID 795)
2. Mission ID 7006 - Moon (Shuttle ID 770)
3. Mission ID 7009 - Saturn (Shuttle ID 775)
4. Mission ID 7015 - Apollo2 (Shuttle ID 780)
5. Mission ID 7018 - Apollo3 (Shuttle ID 785)

Please enter the mission number (1-5)
OR enter 0 to go back to MAIN MENU:

```

For this assignment we have been given the criteria “Years of Work Experience”, “Health records” and “Criminal records”. The system will ask the administrator to provide the information for these three types.



```

File Edit Tabs Help
<<<<<<<<<< MISSION TO MARS >>>>>>>>>
=====
*** Create Employment Selection Criteria ***
Mission ID 7003 - Sun (Shuttle ID 795)
Employment Title: builder

List of criteria created
1. Years of Work Experience: 5
2. Health Record: good
3. Criminal Record: good

Please select from the following options
1. Add criteria
2. Remove criteria
3. Go back to MAIN MENU
Enter your option (1-3):

```

```

File Edit Tabs Help
=====
<<<<<<<<< MISSION TO MARS >>>>>>>>>
=====
*** Create Employment Selection Criteria ***
Mission ID 7003 - Sun (Shuttle ID 795) is selected

List of employment requirements
1. builder

Please enter the employment requirement number
OR enter 0 to go back to MAIN MENU:
1

You entered number 1
Press ENTER to continue

```

## 6.1 Assumption:

For creating selection criteria, we only have created selection criteria for three criteria according to the decision of the tutor. After creating the criteria, the data was saved in excel file in the page called “criteria.”

|    | A         | B                      | C            | D              | E | F | G | H | I | J | K | L | M | N |
|----|-----------|------------------------|--------------|----------------|---|---|---|---|---|---|---|---|---|---|
| 1  | missionId | employmentRequirements | healthRecord | criminalRecord |   |   |   |   |   |   |   |   |   |   |
| 2  | 7003      | builder                | good         | good           |   |   |   |   |   |   |   |   |   |   |
| 3  | 7006      | designer               |              |                |   |   |   |   |   |   |   |   |   |   |
| 4  | 7009      | builder                |              |                |   |   |   |   |   |   |   |   |   |   |
| 5  | 7012      | nurse                  |              |                |   |   |   |   |   |   |   |   |   |   |
| 6  | 7015      | general practitioner   |              |                |   |   |   |   |   |   |   |   |   |   |
| 7  | 7018      | designer               |              |                |   |   |   |   |   |   |   |   |   |   |
| 8  | 7021      | nurse                  |              |                |   |   |   |   |   |   |   |   |   |   |
| 9  | 7024      | builder                |              |                |   |   |   |   |   |   |   |   |   |   |
| 10 | 7027      | designer               |              |                |   |   |   |   |   |   |   |   |   |   |
| 11 | 7030      | painter                |              |                |   |   |   |   |   |   |   |   |   |   |
| 12 | 7033      | electrician            |              |                |   |   |   |   |   |   |   |   |   |   |
| 13 | 7036      | electrician            |              |                |   |   |   |   |   |   |   |   |   |   |
| 14 | 7039      | general practitioner   |              |                |   |   |   |   |   |   |   |   |   |   |
| 15 | 7042      | surgeon                |              |                |   |   |   |   |   |   |   |   |   |   |
| 16 | 7045      | civil engineer         |              |                |   |   |   |   |   |   |   |   |   |   |
| 17 | 7048      | nurse                  |              |                |   |   |   |   |   |   |   |   |   |   |
| 18 | 7051      | painter                |              |                |   |   |   |   |   |   |   |   |   |   |
| 19 | 7054      | electrician            |              |                |   |   |   |   |   |   |   |   |   |   |
| 20 | 7057      | manufacturer           |              |                |   |   |   |   |   |   |   |   |   |   |
| 21 | 7060      | designer               |              |                |   |   |   |   |   |   |   |   |   |   |
| 22 | 7063      | builder                |              |                |   |   |   |   |   |   |   |   |   |   |

## 7 Selecting candidates (Feature 5):

When the user logs in as an administrator and types “4” s/he will be taken to the page which display the list of selected candidates.

```

You entered menu number 4.
Finding details of suitable candidates.
Candidate Name: Len Hale
Candidate Name: Bianca Espinoza
Candidate Name: Anika Frost
Candidate Name: Kessie Barlow
Candidates are listed in order of suitability. Enter any number to send an offer to the first candidate.
|

```

(list of selected candidates)



The system will send the offer letter to the selected candidates one by one. Also it will check if the candidate has accepted or not.

```

1
Candidate in first row has been informed of their selection.
Checking if the candidate has accepted or rejected their offer.....

The candidate has accepted the offer.
The total number of offers accept is 1. Total number of positions left to be filled are: 3
Candidate Name: Kessie Barlow
Candidate Name: Lawrence Campbell
Candidate Name: Allistair Gilbert
Candidate Name: Jaden Curtis
Candidates are listed in order of suitability. Enter any number to send an offer to the first candidate.
|

```

If the candidate rejects an offer the system will notify the administrator and will provide him with the next “N” best candidates ( in this case N=4).

```

1
Candidate in first row has been informed of their selection.
Checking if the candidate has accepted or rejected their offer.....

The candidate has rejected the offer. A new replacement must be found.
Candidate Name: Bianca Espinoza
Candidate Name: Anika Frost
Candidate Name: Kessie Barlow
Candidate Name: Lawrence Campbell
Candidates are listed in order of suitability. Enter any number to send an offer to the first candidate.

```

When all the candidates are selected it will notify the Coordinator.

```

1
Candidate in first row has been informed of their selection.
Checking if the candidate has accepted or rejected their offer.....

The candidate has accepted the offer.
The total number of offers accept is 4. Total number of positions left to be filled are: 0
The coordinator has been informed that recruitment is complete.
Press ENTER to continue

```

## 7.1 Assumptions:

This feature heavily depends on feature 4 and our team is not doing that. For that reason we have hard coded the value for as the number of best candidates. And we have taken the value of the name cell of candidate list and have shown to the administrator. For the acceptance and rejection part is created using a random number generator. When an offer is made to the candidate the excel sheet is updated with that value.

| 1  | name              | date of birth | street                               | city     | postal | country              | phone          | identificationType | gender | allergies | foodPreference | qualifications | yearsOfWorkExp | occupation           | computerSkill | languagesKnown                    | offer |
|----|-------------------|---------------|--------------------------------------|----------|--------|----------------------|----------------|--------------------|--------|-----------|----------------|----------------|----------------|----------------------|---------------|-----------------------------------|-------|
| 2  | Len Hale          | 07/22/2004    | P.O. Box 545, 3804-Seavetal          |          | 85200  | Heard Island and Mcd | 178-9940       | PAN                | female | cereals   | vegan          | Masters        | 3yr            | surgeon              | expert        | portugese, french                 | Y     |
| 3  | Bianca Espinoza   | 12/07/1986    | P.O. Box 420, 1560-Rimbury           |          | 16722  | Grenada              | 849-2326       | SSN                | female | pork      | kosher         | Bachelor       | 2yr            | electrical engineer  | expert        | benigali, russian                 | Y     |
| 4  | Anika Frost       | 03/10/2002    | 8904 Anio Ave                        | My       | 11236  | Andorra              | 1 912 959 6267 | ABN                | male   | peanuts   | kosher         | Motors         | 4yr            | general practitioner | advanced      | malay                             | Y     |
| 5  | Kessie Barlow     | 01/24/1995    | Ap #286-3953 At R Cap-de-la-Madelein |          | 38520  | Turkmenistan         | 1-779-771-4961 | ADHAAR             | female | pasta     | kosher         | Bachelor       | 10yr           | painter              | expert        | french, spanish, russian          | Y     |
| 6  | Lawrence Campbell | 01/21/1994    | Ap #285-7993 Nisi Morhet             |          | 44526  | Kazakhstan           | 263-6463       | ABN                | male   | cereals   | halal          | Graduate       | 2yr            | builder              | expert        | hindi, mandarin, italian, russian | Y     |
| 7  | Allistair Gilbert | 04/21/2029    | P.O. Box 963, 196 Poriua             |          | 62854  | Japan                | 148-1097       | SSN                | female | none      | halal          | Masters        | 12yr           | programmer           | expert        | benigali                          | Y     |
| 8  | Jaden Curtis      | 08/09/1982    | 6541 Lulimod St                      | Eckville | 23223  | Syria                | 1 379 888 8038 | PAN                | male   | peanuts   | kosher         | Masters        | 2yr            | designer             | advanced      | benigali, arabic                  | Y     |
| 9  | Allia Reynolds    | 08/06/2000    | Ap #913-1525 Con Machynieth          |          | 60022  | Spain                | 1 110 769 7888 | ADHAAR             | female | beef      | vegan          | Bachelor       | 15yr           | civil engineer       | intermediate  | english, hindi                    | Y     |
| 10 | Patma Mburuan     | 07/06/1949    | P.O. Box 939, 8476-Pau               |          | 41080  | Tunisia              | 066/11153      | CCN                | female | meats     | vegan          | Graduate       | 13yr           | mechanic             | advanced      | french, hamali, hausa             |       |

(Candidate has been offered the opportunity, updated in the excel file)