

# FIT5136 Assessment 3A Readme for MCES

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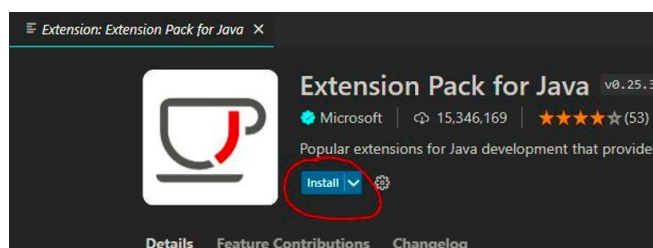
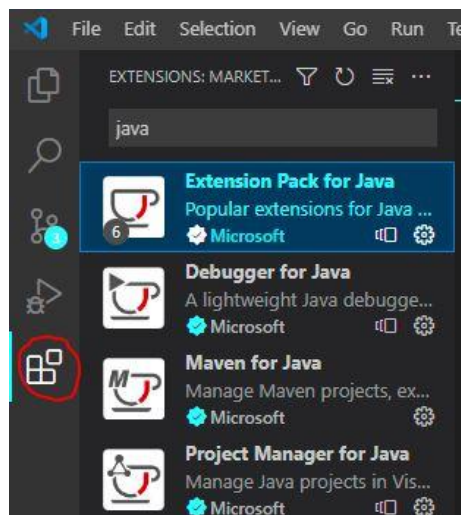
Monash Campus management department has asked you and your team to develop a Monash Community Exchange System (MCES) to meet the ongoing demand for waste/second-hand item disposal. As of now, Monash students will be the customers who will use this system.

The system will be used to help people find potential buyers for their used textbooks, furniture, or items they deem still valuable, but not further needed. As of now, the system is only used by the students on the Clayton campus.

## 1. Runtime Environment

Please run MCES project in Visual Studio Code (download website is: <https://code.visualstudio.com/>). If you already have installed “Extension Pack for Java”, you can ignore the following step (2) to (5).

- (1) Open Visual Studio Code;
- (2) Click the “Extensions” button (red circle in following picture);
- (3) Type “java” in the search input box;
- (4) Select the “Extension Pack for Java”;
- (5) In the Extension Pack for Java Screen, click “Install”.



(6) Choose “File” → “Open Folder” → click this project file → “Open”.

(7) Open folder “src/com/fit5136/entry”, run “MCESEntry.java”.

## 2. Login Function

You can enter “1” to go to login screen. Enter the correct username which is Monash Email and password, you can login to MCES. However, the Register function is not available now. You can enter “3” to exit the system.

```
*****
Welcome to
Monash Community Exchange
System
(MCES)
*****
Login to use MCES
or
Register for first use
*****
Please enter the number for
wanted options

1.Login
2.Register
3.Exit
```

```
*****
Login to use MCES
or
Register for first use
*****
Please enter the number for
wanted options

1.Login
2.Register
3.Exit
1
Please enter your Monash Email:
customer@student.monash.edu
Please enter your password:
Monash1234
Login Successfully!
```

### 3. Post Advertisements

After you have login to MCES, the system will display a home screen.

```
*****
MCES Home screen
*****

In here, you can navigate to
post/browse ads, view
exchange record, and check
watchlist.
*****

Please enter the number for
wanted options

1.Post Advertisements
2.Browse Advertisements
3.Exchange Record
4.Watchlist management
5.Log out
```

There are 5 options for you to choose. If you choose the option 1: “Post Advertisements”, you can post advertisements as shown in the following demonstration. However, the system only supports post ads for items now. You can also enter option 3 to go back to previous screen.

```
*****
MCES Posting screen
*****

In here, you can post advertisemnets of items or services.
*****

Please enter the number for wanted options

1.Post items
2.Post services
3.Go Back
1
```

Once you choose the option 1, you can enter the details about your ad.

```
*****
MCES Posting screen
*****
In here, you can enter detail
of posted items
*****
Please enter your advertisement title:
A textbook on software engineering
Please enter your item category name:
1.Miscellaneous
2.Textbook
3.Furniture
2
Please enter your item subcategory name:
1.Art
2.Business & Economics
3.Education
4.Engineering
5.Information Technology
6.Law
7.Medicine/Nursing
8.Pharmacy/Pharmaceutical Sciences
9.Science
5
Please enter your item price:
23.99
Please enter your item description:
useful textbook
Please enter your item condition:
1.Used 2.New
2
Please enter your item trading way:
1.Visa
```

After you finish entering the details, the system will display “Confirmation Screen”. The screen will show the details you just input. You also have option to modify the category or subcategory for your ad. You can also post it without modifying any details.

```
*****
MCES Confirmation screen
*****
In here, you can check and
edit entered information
*****
Please enter the number to
edit the option

Title: A textbook on software engineering
CategoryName: Textbook
SubCategoryName: 5
Price: AUD 23.99
Condition: New
Description: useful textbook
TradingWay: Visa
PostDateTime: 15/10/2022 11:24
You can modify the categoryName and its relevant subCategoryName Which one do you want to modify
1.Modify categoryName 2.Modify subCategoryName 3.I don't want to modify anything, just post
```

The system will show messages “Advertisement post successfully” when you finish modifying the details.

```
Modification has been submitted. The system is posting your advertisement...
Advertisement post successfully!
```

### 3. Browse Advertisements

In the MCES “home screen”, if you choose option 2, you will go to “Browse Screen”.

```
*****
Please enter the number for
wanted options

1.Post Advertisements
2.Browse Advertisements
3.Exchange Record
4.Watchlist management
5.Log out
2
*****
MCES Browse screen
*****
In here, you can choose
category, sub-category and top
10 newly.
*****
Please enter the number for
wanted options

1.Category
2.Sub-category
3.Top 10 newly
4.Go Back
```

You have 4 options to choose. If you choose option 1, you can browse ads by category.

```
*****
Please enter the number for
wanted options

1.Category
2.Sub-category
3.Top 10 newly
4.Go Back

1
*****
MCES Category screen
*****
In here, you can choose
category for items/services.
*****
Please choose category
1.Miscellaneous
2.Textbook
3.Furniture
4.Go Back
```



If you choose option 2, you can browse ads by subcategory.

```
*****
Please enter the number for
wanted options

1.Category
2.Sub-category
3.Top 10 newly
4.Go Back

2
*****
MCES Subcategory screen
*****
In here, you can choose
subcategory for items/services.
*****
Please choose subcategory
1.none
2.Art
3.Business & Economics
4.Education
5.Engineering
6.Information Technology
7.Law
8.Medicine/Nursing
9.Pharmacy/Pharmaceutical Sciences
10.Science
11.Office furniture
12.Outdoor furniture
13.Living room furniture
```

If you choose option 3, you can browse top10 newly posted ads.

```
*****
Please enter the number for
wanted options

1.Category
2.Sub-category
3.Top 10 newly
4.Go Back

3
*****
MCES Advertisement list screen
*****
In here, you can view all
suitable advertisements.
*****
Please enter the number to browse
1.A textbook on software engineering
2.Book for sale
3.Go Back
```

You can choose which ad you want to browse by entering the corresponding number. The system will display “Advertisement Detail Screen” which shows detail information of an ad. You can also enter “1” to go back to previous screen.

```
*****
      In here, you can view all
      suitable advertisements.
*****
Please enter the number to browse
1.A textbook on software engineering
2.Book for sale
3.Go Back
1
*****
      MCES Advertisement Detail screen
*****
      In here, you can view detail
      information of an advertisement
*****
      Title: A textbook on software engineering
      CategoryName: Furniture
      SubCategoryName: Office furniture
      Price:AUD 23.99
      Condition: New
      Description: useful textbook
      TradingWay: Visa
      PostDateTime: 15/10/2022 11:24

      1.Go Back
```

#### 4. Watchlist management

If you choose the option 4, you can go to “Watchlist management Screen”.

```
*****
      Please enter the number for
      wanted options

      1.Post Advertisements
      2.Browse Advertisements
      3.Exchange Record
      4.Watchlist management
      5.Log out
      4
*****
      MCES Watchlist Management screen
*****
      In here, you can view recently
      viewed items/services or check
      watchlist.
*****
      Please enter the number got
      wanted options

      1.Recently Viewed
      2.Watchlist
      3.Go Back
```

If you choose the option 1, the system will display the statistical information about the advertisements you viewed within one hour. You can also enter “1” to go back to previous screen.

```
*****
MCES Watchlist Management screen
*****
In here, you can view recently
viewed items/services or check
watchlist.
*****
Please enter the number got
wanted options

1.Recently Viewed
2.Watchlist
3.Go Back
1
*****
MCES Recently Viewed screen
*****
In here, you can view the
recently viewed items/services
with statistics.
*****
Item/Service title: 'A textbook on software engineering'    Viewed times: 1
1.Go Back
```

## 5. Exit

In the ‘Home Screen’, you can choose the option 5 to logout the system. After you logout, you will go back to “login screen”. You can choose the option 3 to exit the system.

```
*****
MCES Home screen
*****
In here, you can navigate to
post/browse ads, view
exchange record, and check
watchlist.
*****
Please enter the number for
wanted options

1.Post Advertisements
2.Browse Advertisements
3.Exchange Record
4.Watchlist management
5.Log out
5
*****
Login to use MCES
or
Register for first use
*****
Please enter the number for
wanted options

1.Login
2.Register
3.Exit
3
Thank you for using this system. Goodbye!
```