**University Store Souvenir Application**

**Files and Folders :**

1. ***SRC***

* *Contains the code, source in form of .java files.*

1. ***TEST***

* *Contains the test classes of the business logic.*

1. ***DATA***

* *Contains the data files from/to where data is read/written.*

1. ***DOCS***

* *Contains the Report document*
* *Contains the Class diagram document*

1. ***IMAGES***

* *Contains the image files used in the application.*

1. ***RESOUCES***

* *Contains the application properties language files.*

1. ***COMPILE.BAT***

* *Used to compile the complete program after the default JAVA path is set.*

1. ***RUN.BAT***

* *Used to run the compiled program.*

1. ***SETENV.BAT***

* *Used to set the JAVA\_HOME environment on the client machine.*

**Program Packages :**

1. ***com.iss.storeApplication***

* *Main method package. Program starts here.*

1. ***com.iss.storeApplication.business***

* *Contains all the Business Logic/ service classes here.*

1. ***com.iss.storeApplication.common***

* *All common functions/methods are places here*

1. ***com.iss.storeApplication.component***

* *All reusable components used in the program are placed here.*

1. ***com.iss.storeApplication.controller***

* *Contains the controller file.*

1. ***com.iss.storeApplication.dao***

* *Contains all Data Access Objects*
* *All file read/write operations performed here.*

1. ***com.iss.storeApplication.domain***

* *Contains all class/object definitions*

1. ***com.iss.storeApplication.enums***

* *Contains all ENUMS used during the program.*

1. ***com.iss.storeApplication.view***

* *Contains all the Views defined in the program.*

**Design** : MVC and Language Extension

**Benefits** :

* 1. DAO Layer can be modified to change the functionality of file based database to RDBMS database.
  2. Service layer can be shifted to server to build distributed desktop application
  3. Controller Calls can be replaced with RMI calls to the server.
  4. Reuse of the code.