**MaidEasy**

**Admin Controller:**

1. Admin\_home ():

Parameters: void

Return type: Action Result

Loads Home page for admin.

**Admin User Controller:**

1. UserList ():

Parameters: void

Return type: Action Result

Used Method: RegisterController.getThanaID(Thana string)

Fetch user list from Database. Convert every users thana attribute data to thana name. In database we store thana attribute as a binary string.

1. MakeAdmin (int id):

Parameters: User Id

Return type: Action Result

Return To: AdminUser/UserList

Take user id as parameter and change type of user “general” to “admin”, save changes to database. Then return to userlist.

1. RemoveAdmid (int id):

Parameters: User Id

Return type: Action Result

Return To: AdminUser/UserList

Take user id as parameter and change type of user “admin” to “general”, save changes to database. Then return to userlist.

1. BlockUser (int id):

Parameters: User Id

Return type: Action Result

Return To: AdminUser/UserList

Take user id as parameter and change type of user “general” to “blocked”, save changes to database. Then return to userlist.

1. UnblockUser (int id):

Parameters: User Id

Return type: Action Result

Return To: AdminUser/UserList

Take user id as parameter and change type of user “blocked” to “general”, save changes to database. Then return to userlist.

**Admin Worker Controller:**

1. Add\_worker ():

Parameters: User Id

Return type: Action Result

Used Method:

Redirects to Add\_worker page.

1. WorkerList ():

Parameters: void

Return type: Action Result

Used Method: getThanaList(thanastring), getWorkerTypeList(workertypestring)

Fetch worker list from Database. Use getThanaList() and getWorkerTypeList() methods to show data in our desired format. Then shows the worker list.

1. Edit\_Worker (int workerID):

Parameters: Worker Id

Return type: Action Result

Used Method: getWorkerTypeList(workertypestring)

Make worker profile page editable. Take worker id as parameter to fetch data from database. Use getWorkerTypeList() method to show data in our desired format. Then redirect to editable worker profile page.

1. AddNewWorker (HttpPostedFileBase file):

Parameters: file

Return type: Action Result

Used Method: getThanaString (Thana name), getTypeString ()

This method is called when an admin submits worker info through add\_worker page. The parameter in this method is that file which is uploaded as worker image. Takes form information using form request. Convert area and type information to the desired type of database table attribute. Rename uploaded file with workerID (if any). If all information is valid then store the info’s in database and redirect to workerlist.cshtml . Otherwise redirect to add\_worker.cshtml.

1. SaveWorkerData (HttpPostedFileBase file):

Parameters: file

Return type: Action Result

Used Method: getThanaString (Thana name), getTypeString ()

This method is called when an admin edits worker info through edit\_worker page. The parameter in this method is that file which is uploaded as worker image. Takes form information using form request. Convert area and type information to the desired type of database table attribute. Rename uploaded file with workerID (if any). If all information is valid then store the info’s in database and redirect to edit\_worker page in noneditable version.

1. DeleteWorker ():

Parameters: void

Return type: Action Result

Used Method:

Get workerID from Session variable. We save this when we enter into the worker profile. By calling this method we delete all information of this worker from database. Then remove session and redirect to worker list.

1. getThanaList (string thanastring)

Parameters: a binary string for thana attribute in database

Return type: string

Used Method:

*Example:*

*getThanaList (“00010010”);*

*output: Bangsal  
 Chowkbazar*

*here, “00010000” is the binary string for thana which we pass in this method as parameter. This method iterates over the passed string. When gets ‘1’, fetch thana name from database for thana id = pos +1. Here, pos is the position of ‘1’. Store thana name in a string and add new line after each name except the last one. Then return the string.*

1. getWorkerTypeList (string typestring):

Parameters: a binary string for type attribute in database

Return type: string

Used Method:

*Example:*

*getThanaList (“0001”);*

*output: Elderly Care*

*here, “0001” is the binary string for type which we pass in this method as parameter. This method iterates over the passed string.*