

12/28/2020

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CENTRAL DEPOSITORY BANGLADESH LIMITED

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# Investor.

1. **Goal: Investor should be able to apply for new BO account.**
2. **Goal: Investor should be able to buy new products (share).**
3. **Goal: Investor should be able to sell products (share).**
4. **Goal: Investor should be able to Change existing DPs (participant of CDBL).**
5. **Goal: Investor should be able to complain about any service.**

# Human Resource.

1. **HR should be able to Select new candidate for DPs member and give their license.**
2. **HR should be able to recruit candidates on online.**
3. **HR should be able to hire right employees (Guest employee).**
4. **HR should be able to conduct disciplinary actions.**
5. **HR should be able to update company policies.**

# Director

1. **Checking meeting update.**
2. **Creating new meeting.**
3. **Checking notice from BSEC.**
4. **Checking Documents**
5. **Proposing new rules and regulation to other directors.**

# Guest user

1. **Checking overview of CDBL.**
2. **Checking Services.**
3. **Checking latest share price of DSE or CSE.**
4. **Checking DPs and ISIN list.**
5. **Checking CDBL FEES AND DEPOSITS.**

# DPs: participant of CDBL.

1. **Applying to be participant of CDBL.**
2. **Creating new BO account for an investor.**
3. **Closing BO account for a current investor.**
4. **Transferring sold out share (products) for an investor to another investor.**
5. **Checking market value in CDS(Tk)- stats.**

# ADMIN (Employee of BSEC)

1. **Goal: Admin should be able to create new account.**
2. **Goal: Admin should be able to select new DPs.**
3. **Goal: Admin should be able to delete an account.**
4. **Goal: Admin should be able to restrict any account.**

# Classes of the project:

1. public abstract class user{

protected string email, password;

private string Id;

public user(){

email = “ABC”;

password = “ABC”;

Id = “ABC”;

}

public abstract void applyForACDBLAccount(){…..};

abstract void setIdForANewUser(){…..};

abstract void displayInfoAboutUser(){…..};

}

1. class investor extends user{

@override

public abstract void applyForACDBLAccount(){…..};

void displayInfoAboutUser(){…..};

}(sub class)

1. package class humanResource extends user{

private string department;

humanResource(){

department = “ABC”;

}

void createNewHR(){

@override

void applyForACDBLAccount(){…..};

}

@override

void displayInfoAboutUser(){…..};

}(Sub class)

1. Class director extends user{

public void createNewDirector(){

@override

void applyForACDBLAccount(){…..};

}

@override

void displayInfoAboutUser(){…..};

} (sub class)

1. public class guestUser{

public void displayOverviewOfCDBL(){…..}

public void displayListOfDpsOfCDBL(){…..}

public void displayListOfIsinfCDBL(){…..}

}

1. class participantOfCdbl extends user{

private string officeAddress;

constructor participantOfCdbl(){

officeAddress = “ABC”;

}

public applyToBeADpsMember(){

@override

void applyForACDBLAccount(){…..};

void displayInfoAboutUser(){…..};

}

}(sub class of user)

1. class admin extends user{

public applyToBeAAdmin(){

@override

void applyForACDBLAccount(){…..};

void displayInfoAboutUser(){…..};

}

} (sub class of user)