ORgSys
(Organization Recognition System)
Design Classes
Class Diagram

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Revision Control

History Revision:

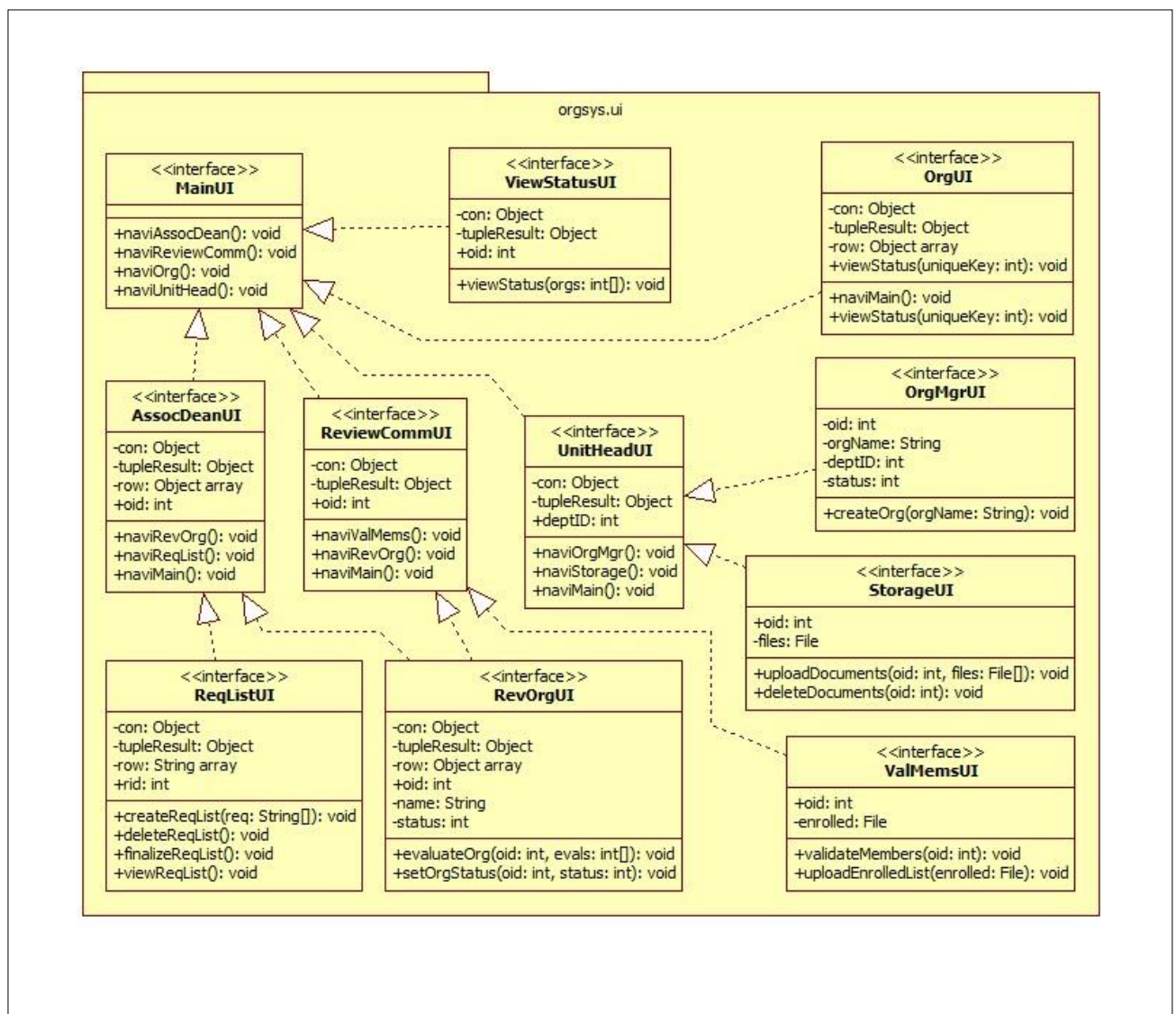| Revision Date	Person Responsible	Version Number	Modification
10/20/2013	Sharmaine Yap Emir Mercado	1.0	Initial Document

System Name: ORgSys (Organization Recognition System)

Description: The system's purpose is primarily to provide the Office of Student Affairs of UP Diliman's College of Engineering a means of evaluating the organizations during their application period for recognition for the whole school year. This system provides a way for the unit heads to upload the documents submitted by the organizations online. It will also serve as a venue for Associate Dean for Student Affairs and the Review Committee to provide the organizations with the list of required documents requirements for approval and to check if the member roster of the organization is valid.

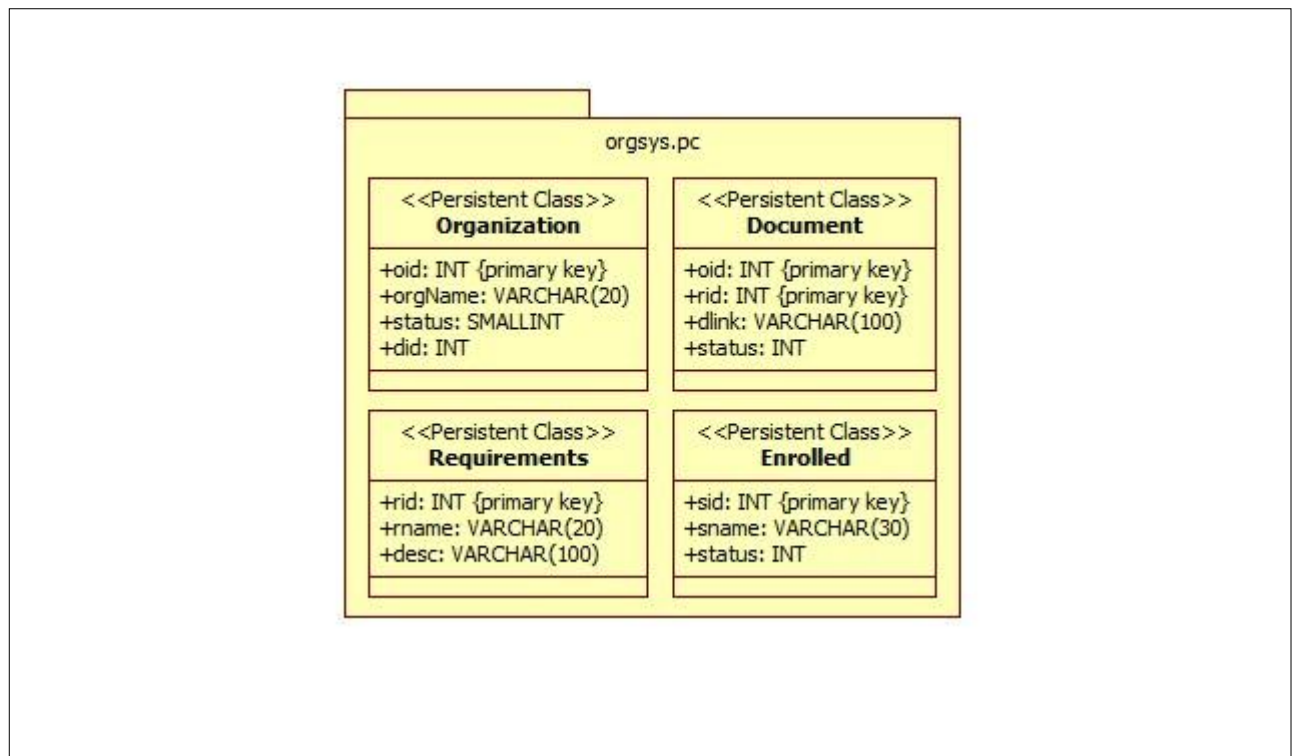*Package Name*: orgsys.ui

Class Diagram:

List of Classes:

Class	Description
index.php	This is the main screen. Methods: + naviAssocDean(): void + naviReviewComm(): void + naviOrg(): void + naviUnitHead(): void
UnitHeadHome.php	This screen is the unit head's main page. Attributes: − con: Object − tupleResult: Object + deptID: int Methods: + naviOrgMgr(): void + naviStorage(): void + naviMain(): void
OrgHome.php	Instances of this screen serve as the organizations' home pages. Attributes: − con: Object − tupleResult: Object − row: Object array Methods: + naviMain(): void + viewStatus(uniqueKey: int): void
AssocDeanHome.php	This screen is the associate dean's main page. Attributes: − con: Object − tupleResult: Object − row: Object array − oid: int Methods: + naviRevOrg(): void + naviReqList(): void + naviMain(): void

Class	Description

ReviewCommHome.php	Instances of this screen serve as the review committee's home pages.
	
	Attributes:
	  − con: Object
	  − tupleResult: Object
	  + oid: int
	
	Methods:
	  + naviValMems(): void
	  + naviRevOrg(): void
	  + naviMain(): void

ViewStatusUI.php	This screen displays the recognition status of the organizations.
	
	Attributes:
	  − con: Object
	  − tupleResult: Object
	  + oid: int
	
	Methods:
	  • viewStatus(orgs: int[]): void

ReqListUI.php	This screen diplays the requirements checklist made by the associate dean.
	
	Attributes:
	  − con: Object
	  − tupleResult: Object
	  − row: Object array
	  − rid: int
	
	Methods:
	  + createReqList(req: String[]): void
	  + deleteReqList(): void
	  + finalizeReqList(): void
	  + viewReqList(): void

RevOrgUI.php	This screen is the navigation for the associate dean and the review committee to evaluate the organizations.
	
	Attributes:
	  − con: Object
	  − tupleResult: Object
	  − row: Object array
	  − oid: int
	  − name: String
	  − status: int

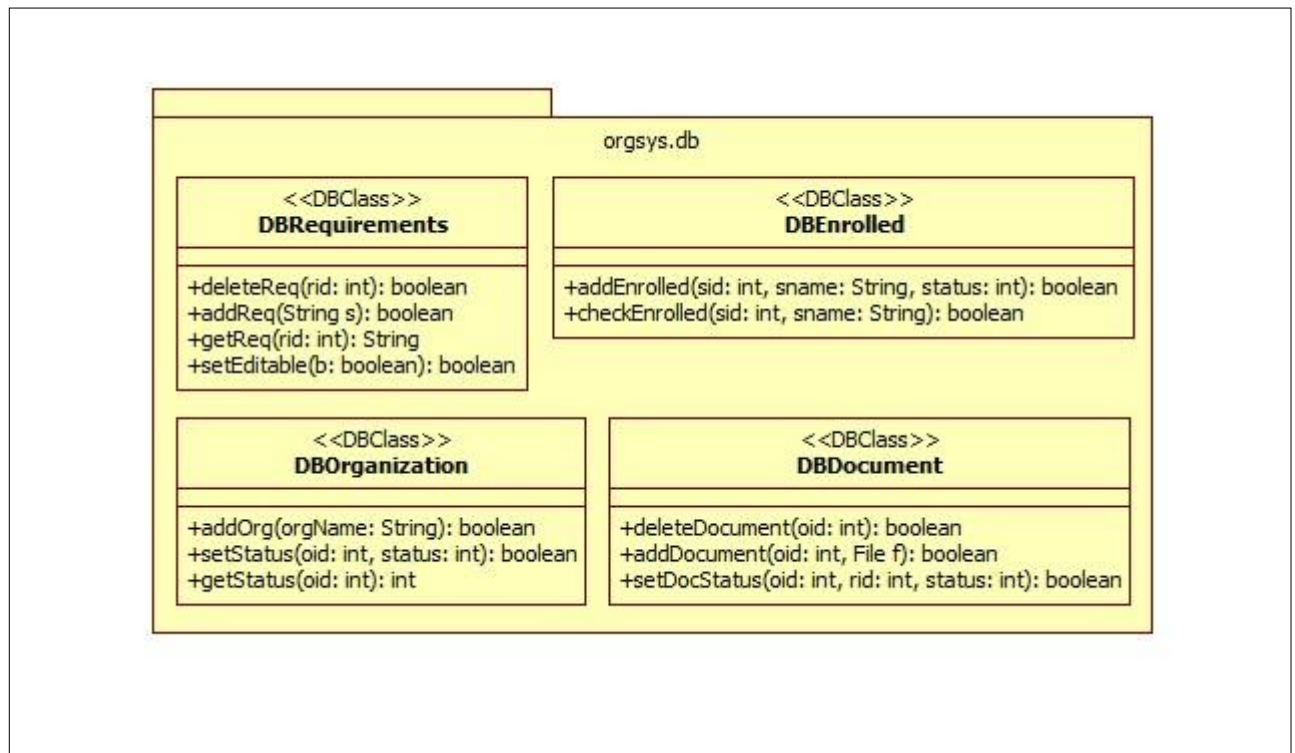| Class	Description

	Methods:
	
	    + evaluateOrg(oid: int, evals: int[]): void
	
	    + setOrgStatus(oid: int, status: int): void

ValMemsUI.php	This screen is the navigation for the review committee to check the validity of the members of the organizations.
	
	Attributes:
	
	    + oid: int
	
	    − enrolled: File
	
	Methods:
	
	    • validateMembers(oid: int): void
	
	    • uploadEnrolledList(enrolled: File): void

StorageUI.php	This screen is the navigation for the unit head to store the organizations' documents.
	
	Attributes:
	
	    + oid: int
	
	    + files: File
	
	Methods:
	
	    + uploadDocuments(oid: int, files: File[]): void
	
	    + deleteDocuments(oid: int): void

OrgMgrUI.php	This screen is the navigation for the unit head to manage the organizations under his/her department.
	
	Attributes:
	
	    + oid: int
	
	    + orgName: String
	
	    + deptID: int
	
	    + status: int
	
	Methods:
	
	    • createOrg(orgName: String): void

Package Name: orgsys.pc

Class Diagram:

List of Classes:

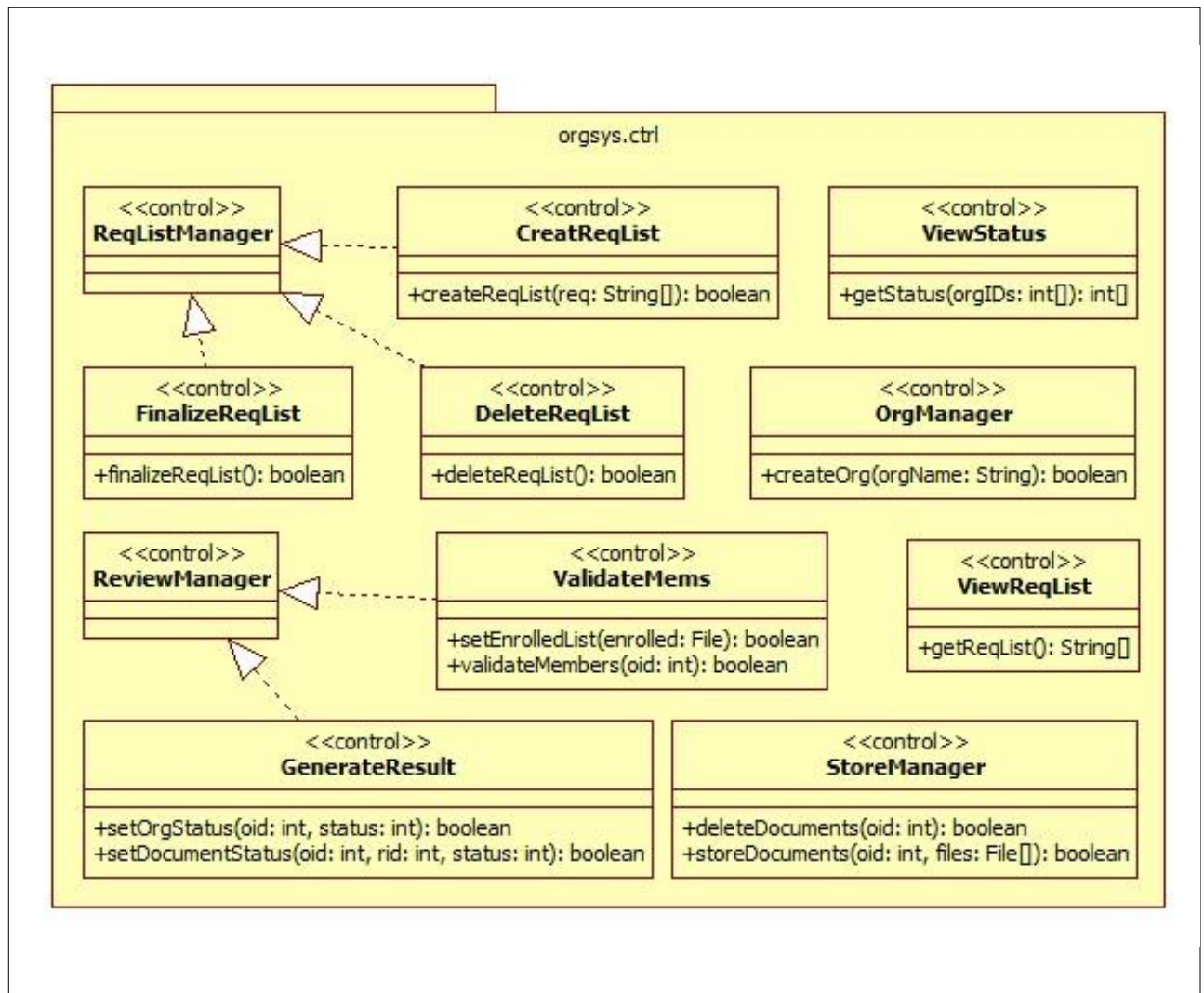| Class	Description
Organization.sql	Instance of the Organization persistent class. It contains all the organizations basic information for the system. Attributes: + oid: INT {primary key} + orgName: VARCHAR(20) + status: SMALLINT + did: INT
Document.sql	Instance of the Document persistent class. It contains information on the documents submitted by the organizations. Attributes: • oid: INT {primary key} • rid: INT {primary key} • dlink: VARCHAR(20) • status: INT
Requirements.sql	Instance of the Requirements persistent class. It is the requirements checklist made by the associate dean. Attributes: • rid: INT {primary key} • rname: VARCHAR(20) • desc: VARCHAR(100)
Enrolled.sql	Instance of the Enrolled persistent class. It is the record of the students enrolled in the university during the semester of the renewal process. Attributes: + sid: INT {primary key} + sname: VARCHAR(30) + status: INT

Package Name: orgsys.db

Class Diagram:

List of Classes:

Class	Description
DBOrganization.php	DBClass that manipulates and accesses the Organization database. Methods: • addOrg(orgName: String): boolean • setStatus(oid: int, status: int): boolean • getStatus(oid: int): int
DBDocument.php	DBClass that manipulates and accesses the Document database. Methods: + deleteDocument(oid: int): boolean + addDocument(oid: int, f: File): boolean + setDocStatus(oid: int, rid: int, status: int): boolean
DBRequirements.php	DBClass that manipulates and accesses the Requirements database. Methods: + deleteReq(rid: int): boolean + addReq(s: String): boolean + getReq(rid: int): String • setEditable(b: boolean): boolean
DBEnrolled.php	DBClass that manipulates and accesses the Enrolled database. Methods: + addEnrolled(sid: int, sname: String, status: int): boolean + checkEnrolled(sid: int, sname: String): boolean

Package Name: orgsys.ctrl

Class Diagram:

orgsys.ctrl

<<control>>
ReqListManager

<<control>>
CreatReqList

+createReqList(req: String[]): boolean

<<control>>
ViewStatus

+getStatus(orgIDs: int[]): int[]

<<control>>
FinalizeReqList

+finalizeReqList(): boolean

<<control>>
DeleteReqList

+deleteReqList(): boolean

<<control>>
OrgManager

+createOrg(orgName: String): boolean

<<control>>
ReviewManager

<<control>>
ValidateMems

+setEnrolledList(enrolled: File): boolean
+validateMembers(oid: int): boolean

<<control>>
ViewReqList

+getReqList(): String[]

<<control>>
GenerateResult

+setOrgStatus(oid: int, status: int): boolean
+setDocumentStatus(oid: int, rid: int, status: int): boolean

<<control>>
StoreManager

+deleteDocuments(oid: int): boolean
+storeDocuments(oid: int, files: File[]): boolean

List of Classes:

Class	Description
ReqListManager.php	This is control class for managing the requirements checklist. Methods: • NONE
CreateReqList.php	This is the control class for creating a requirements checklist. Methods: + createReqList(req: String[]): boolean
DeleteReqList.php	This is the control class for deleting a requirements checklist. Methods: + deleteReqList(): boolean
FinalizeReqList.php	This is the control class for finalizing the requirements checklist. Methods: + finalizeReqList(): boolean
ViewReqList.php	This is the control class for viewing the requirements checklist. Methods: + getReqList(): String[]
ReviewManager.php	This is the control class for managing the evaluation of the orgs by the associate dean and the review committee. Methods: • NONE
GenerateResult.php	This is the control class for getting the evaluation of the associate dean and the review committee on the organizations. Methods: + setOrgStatus(oid: int, status: int): boolean + setDocumentStatus(oid: int, rid: int, status: int): boolean
ValidateMems.php	This is the control class for checking the validity of enrollment of the members of the organizations. Methods: + setEnrolledList(enrolled: File): boolean + validateMembers(oid: int): boolean

Class	Description
ViewStatus.php	This is the control class for viewing the recognition status of organization/s. Methods: + getStatus(orgIDs: int[]): int[]
StorageManager.php	This is the control class that manages the documents stored in the online storage system. Methods: + deleteDocuments(oid: int): boolean + storeDocuments(oid: int, files: File[]): boolean
OrgManager.php	This is the control class for managing the organizations involved in the renewal process. Methods: + createOrg(orgName: String): boolean