

CSCC01 Group:

AIC App

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Table of Contents

Class Name: User	2
Class Name: Individual	3
Class Name: Partner	3
Class Name: Company	3
Class Name: Admin	3
Class Name: Database	4
Class Name: Profile	4
Class Name: ChatRoom	4
Class Name: Forum	4
Class Name: Login	5
Class Name: Message	5
Class Name: Register	5
Class Name: Video	5
Class Name: Courses	6
Class Name: Search	6
System Architecture Diagram	7

CRC Cards

Class Name: User

Parent Class: N/A Subclasses: Individual, Partner, Company, Admin	
Responsibilities: Holds general and common information (e.g. user_id) for users. Also holds individual blog posts.	Collaborators: Database,

Class Name: Individual	
Parent Class: User Subclasses: N/A	
Responsibilities: Hold individual information (e.g. name, phone, email, etc)	Collaborators: Message, Forum, Register, Profile

Class Name: Partner	
Parent Class: User Subclasses: N/A	
Responsibilities: Holds information about a specific type of user, a Partner.	Collaborators: Message, Forum, Register, Profile

Class Name: Company	
Parent Class: User Subclasses: N/A	
Responsibilities: Holds information about a specific type of user, a company	Collaborators: Message, Forum, Register, Profile

Class Name: Admin

Parent Class: User Subclasses: N/A	
Responsibilities: Holds information about a specific type of user, a company	Collaborators: Database

Class Name: Database	
Parent Class: Subclasses:	
Responsibilities: Holds all user data and e-learning content.	Collaborators: User,Admin,BlogPost, Chatroom,Forum,Login,Register

Class Name: Profile	
Parent Class: Subclasses:	
Responsibilities: Holds to-be displayed user's information according to user type and preferences	Collaborators: Partner, Company, Individual

Class Name: ChatRoom	
Parent Class: Subclasses:	
Responsibilities: Holds messages and users in the same chat room	Collaborators: Message

Class Name: Forum

Parent Class: Subclasses:	
Responsibilities: Fetches users blog posts in an order	Collaborators: User

Class Name: Login	
Parent Class: N/A Subclasses:	
Responsibilities: Allows users to login through various means	Collaborators: Database, User

Class Name: Message	
Parent Class: N/A Subclasses: N/A	
Responsibilities: <i>Allows users to communicate with each other</i>	Collaborators: ChatRoom Database

Class Name: Register	
Parent Class: Subclasses:	
Responsibilities: Allows new users to register	Collaborators: Database

Class Name: Video

Parent Class: Subclasses:	
Responsibilities: Fetches and plays videos from database.	Collaborators: Database

Class Name: Courses	
Parent Class: Subclasses:	
Responsibilities: Groups videos together in individual courses.	Collaborators: Database, Video

Class Name: Search	
Parent Class: Subclasses:	
Responsibilities: Handles searching for both videos and profiles with and without filtered searching.	Collaborators: Database

System Architecture Diagram

The system architecture that we are using for this program is MVC (Model View Controller)

