

CSCC01 Group:

# AIC App

Darren Liu (*liudarr1*), Yu Chin Koo (*kooyu*), Jason Yu (*yujason9*),  
YeonOh Jung (*jungyeon*), Pui Lam Cheryl Chen (*thenc274*), Justin Wang  
(*wangjus6*), Yuanyuan Li (*liyuan33*)  
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## CRC Cards

<b>Class Name:</b> User	
<b>Parent Class:</b> N/A <b>Subclasses:</b> Individual, Partner, Company, Admin	
<b>Responsibilities:</b> Holds general and common information (e.g. user_id) for user	<b>Collaborators:</b> Database,

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

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

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

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

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

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

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

<b>Class Name:</b> Forum	
<b>Parent Class:</b> <b>Subclasses:</b>	
<b>Responsibilities:</b> Holds users blog posts in an order	<b>Collaborators:</b> Post

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

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

<b>Class Name:</b> Register	
<b>Parent Class:</b> <b>Subclasses:</b>	
<b>Responsibilities:</b> Allows new users to register	<b>Collaborators:</b> Database

<b>Class Name:</b> Video	
<b>Parent Class:</b> <b>Subclasses:</b>	
<b>Responsibilities:</b> Fetches and plays videos from database.	<b>Collaborators:</b> Database

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

## System Architecture Diagram

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

