

User Guide

1. Configuration

1.1 Environment

This software is developed using Microsoft Visual Studio 2015 with local database file generated by VS.

1.2 Setting

In the archived file, click CMS.sln to load the whole program into VS environment, then start to run it.

If there's an error about entity framework connect to database, please follow the instructions below:

1. In Visual Studio, select Tools > Extensions and Updates
2. In the Extensions and Updates pop-up box, select Installed > Updates
3. Highlight Microsoft SQL Server Update for database... and click the Update button. If Microsoft SQL Server Update for database... is not listed, you can download SSDTSetup.exe from <https://msdn.microsoft.com/en-us/mt186501>.
4. Your default Web browser will prompt a download of SSDTSetup.exe
5. In your Downloads folder, run SSDT Setup
6. Follow the prompts of the installer

Current user information for logging in:

User Name	Password	Role	Conference
Clyne	fc	Admin	N/A
Jason	Ja	Chair	N/A
Chris	ch	Reviewer	InnovateBopitech2017
Lily	li	Author	InnovateBopitech2017

Noting: if register for new user, chair's registration must be approved by admin and reviewer's registration must be approved by chair

1.3 Noting

Due to Windows Form Application's mechanism on using local database file, at design-time, CMS\Database\CMSDB.mdf is used by the data tools. At run-time, the app will be using the database under the output folder. As a result of the copy, many people have the impression that the app did not save the data to the database file. So it is normal that you use the app to save some new data and check it in VS design model's database finding there's no changes, the actual database used at run time is under bin\Debug\Database.

2. Functionalities

1. General Functions

- 1)Registration
- 2)Log In
- 3)Log Out

- 4)Account Setting
- 2. Admin Functions
 - 1)Retrieve conferences' Information
 - 2)Retrieve users' Information
 - 3)Retrieve papers' information
- 3. Chair Functions
 - 1)Retrieve conference's Information
 - 2)Launch conference
 - 3)Assign reviewers to a paper
 - 4)Make final decision and give feedback to a paper
- 4. Reviewer Functions
 - 1)Retrieve conference information
 - 2)Review papers
- 5. Author Functions
 - 1)Retrieve conference information
 - 2)Submit papers
 - 3)Check paper status

3. Description

3.1 General Functions

3.1.1 Registration

Registration is implemented by providing user interface to create a new user stored in the database.

3.1.2 Log In

Log In is implemented by comparing log in input with data in database, if data exists user can log in. Plus, the main system page will generate different interface of different functions according to user's role.

3.1.3 Log Out

Log out is implemented by closing current page and returning to a new login page

3.1.4 Account Setting

Account Setting is implemented by retrieving user's information, and providing interface to change those information

3.2 Admin Functions

3.2.1 Retrieve conferences' Information

Retrieve conferences' information is implemented by retrieving information of all conferences in the database.

3.2.2 Retrieve users' Information

Retrieve users' information is implemented by retrieving information of all users in the database.

3.2.3 Retrieve papers' information

Retrieve papers' information is implemented by retrieving information of all papers in the database.

3.3 Chair Functions

3.3.1 Retrieve conference's Information

Retrieve conference's Information is implemented by retrieving information of all conferences launched by current chair.

3.3.2 Launch conference

Launch conference is implemented by providing chair an interface to create a new conference stored in database.

3.3.3 Assign reviewers to a paper

Assign reviewers to a paper is implemented by retrieving information of papers submitted to the conference of this chair, retrieving information of all reviewers in each conference and providing an interface for chair to give the review permission to a reviewer.

3.3.4 Make final decision and give feedback to a paper

Make final decision and give feedback to a paper is implemented by retrieving information of papers submitted to the conference of this chair with its review information, and providing chair an interface to write feedbacks for each paper and make decision on whether to accept or not.

3.4 Reviewer Functions

3.4.1 Retrieve conference information

Retrieve conference information is implemented by retrieving members and submitted papers of current conference.

3.4.2 Review papers

Review papers is implemented by retrieving papers that current reviewer has been assigned to review, and providing an interface for the reviewer to rate papers.

3.5 Author Functions

3.5.1 Retrieve conference information

Retrieve conference information is implemented by retrieving members and submitted papers of current conference.

3.5.2 Submit papers

Submit papers is implemented by providing author an interface to submit a new paper to the conference. An author can submit as many papers as he/she want.

3.5.3 Check paper status

Check paper status is implemented by retrieving status information of the papers that current user has submitted.

4 Important features

4.1 Request validation

This system has request validation function, under which mechanism chairs' registration need to be approved by admin and reviewers' registration need to be approved by the chair, otherwise unauthorized chairs and reviewers cannot log into the system.

4.2 Sending email automatically

Email will be sent automatically by the system on following scenario:

1. When users' (chairs or reviewers) registration request has been approved, an email contains the message of the success of registration will be sent.

2. When the chair has given feedbacks and made a final decision to a paper, an email contains feedback messages will be sent to the author of the paper.

Noting: *Sending email function is commented due to there's no valid email address in database. If want to use this function, please add valid email address in database, or register a new user with valid email address, then uncomment following code:*

- *Send email when the registration has been approved: In "RequestValidate.cs", line 140 and line 149*
- *Send email when chair make final decision: In "FinalDecision.cs", line 215*

4.3 Basic validation

Basic input validation has been added to the system on every input scenario, providing basic protection for the system on the input level.

5 Extra credit

This system is implemented using Windows Form Application structure, which provides users with graphic interface to interact with.