INTROCONDUIT.

Increment 1 Report.

Project Group: 8

CS551: Advance Software Engineering

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1. **Our main Focus for this Increment is to successfully Login/Logout/Register a user in the website.**

2. **Database for the Profile view of the user has been created.**

1.1 Login/Logout/Registration:

We started off with the basic MVC 4 layout it directly creates only the basic layout files and does not give any default Microsoft Login authentication code.

Created a Main database for the website, and added a system users table to it .

UserId	Email	Password	PasswordSalt
8b2edeb	vishnu.rainigari@gm...	Yi5ARrTrRCoDSAY0wWD...	100000.M8IFwro+OhFUBJx9goBKRCKDdR...
NULL	*NULL*	*NULL*	*NULL*

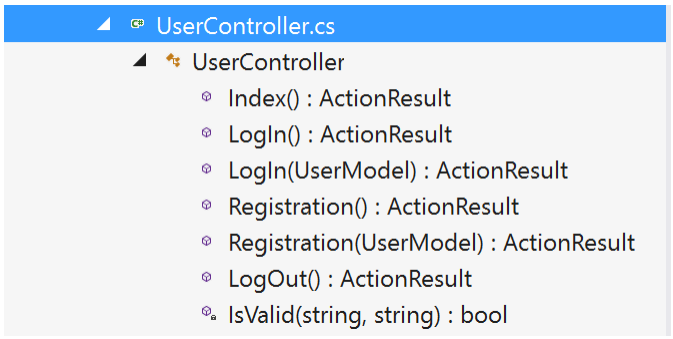
Email ID has been set as the primary key to ensure uniqueness.

Password Salt is used for cryptographic purposes it generates a unique string, which is encrypted with the user, given password to generate a new password which is stored in the database.

The password at the time of login authentication is decrypted again using the password salt and is verified with the entered password. This is the reason we also save Password Salt into our database.

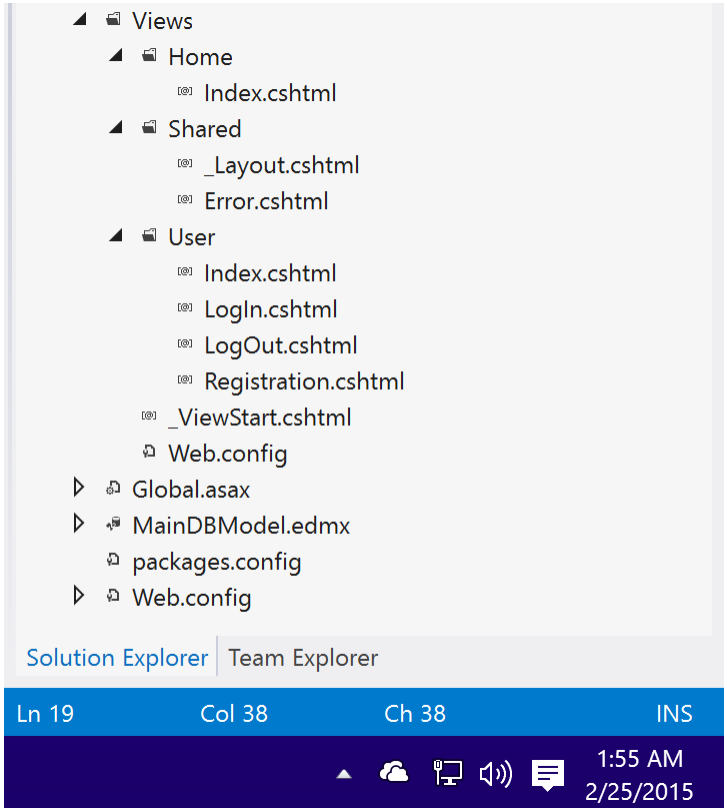
UserController and UserModel have been created.

UserController: Login/Logout/Registration Methods.

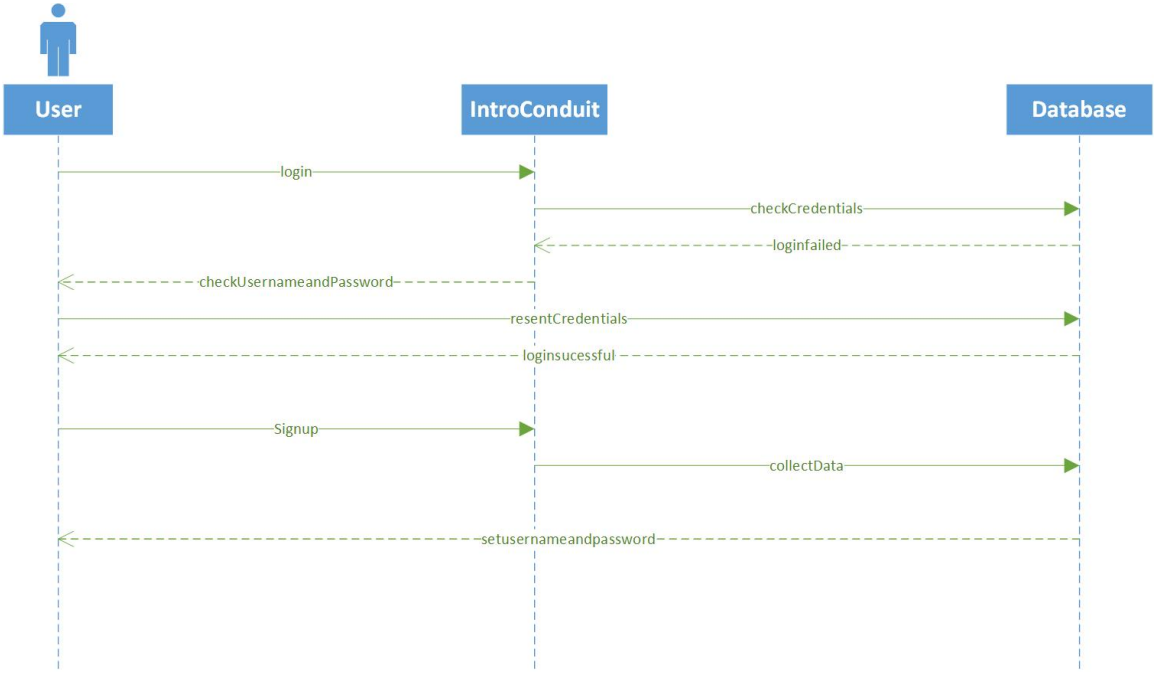


IsValid method is a used to Check the Validation of the User.

Respected Views have been created which generate forms for login logout and registration.



1.2 Sequence Diagram :



Operational Description: **Input/Output:** The user fills out login details and enter into website to access services provided. Input would be his email and password and output would be website's main page

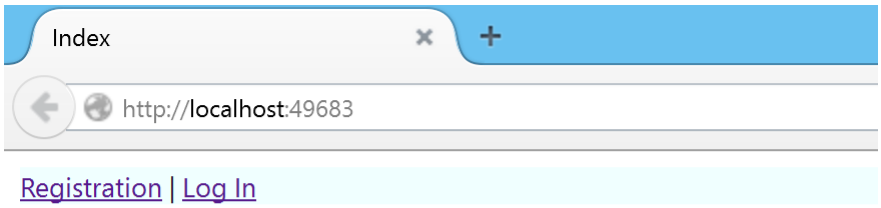
Constraints/Exceptions: The registered user with incorrect details will not be able to login and an exception is raised.

Service Flow: user fills out email id and password

If correct he enters into website or else a popup message

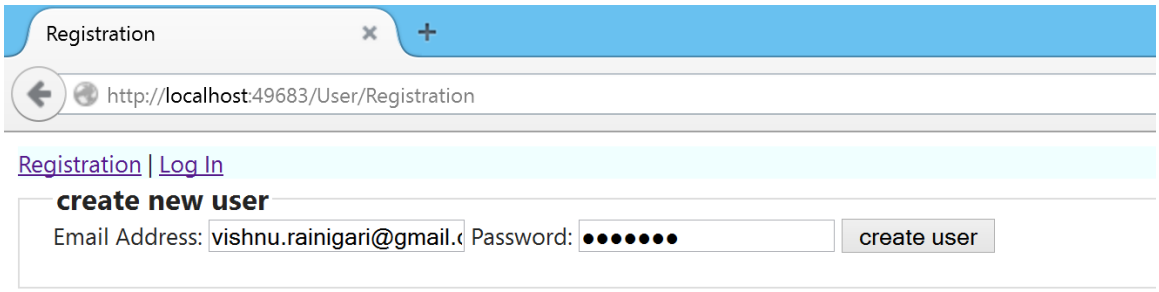
Resources to access

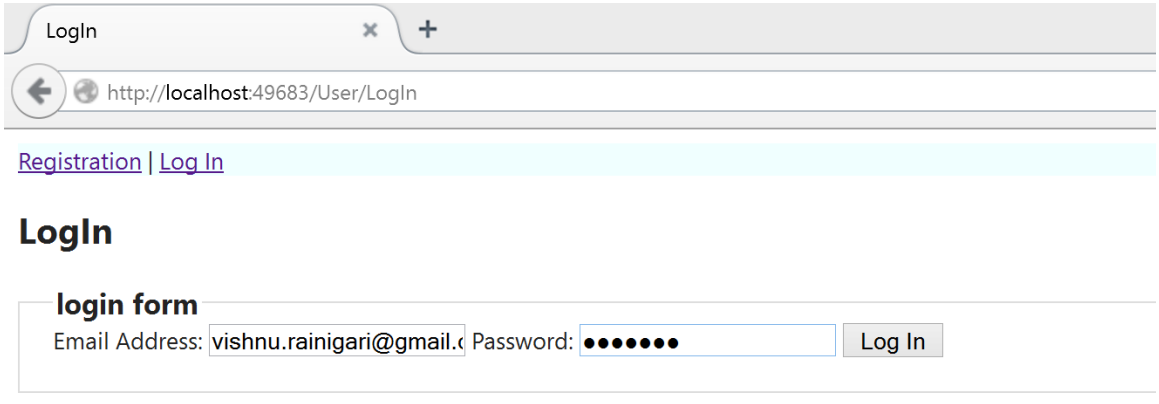
Screen Shots:

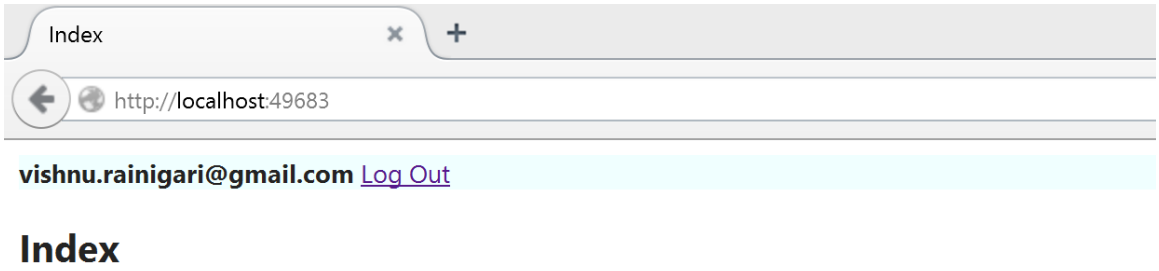


Registration | Log In

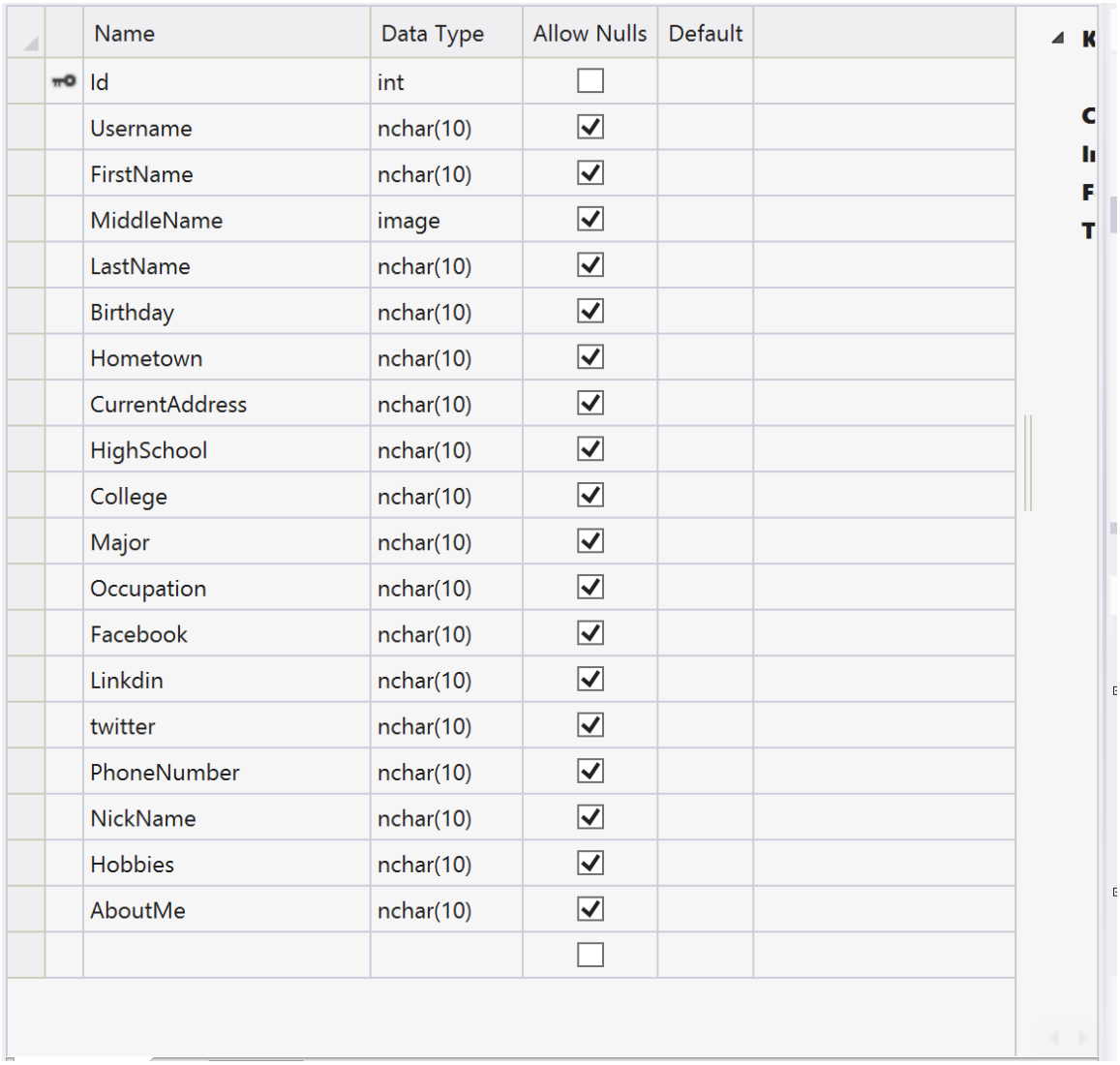
Index







2.1: Profile Database Table

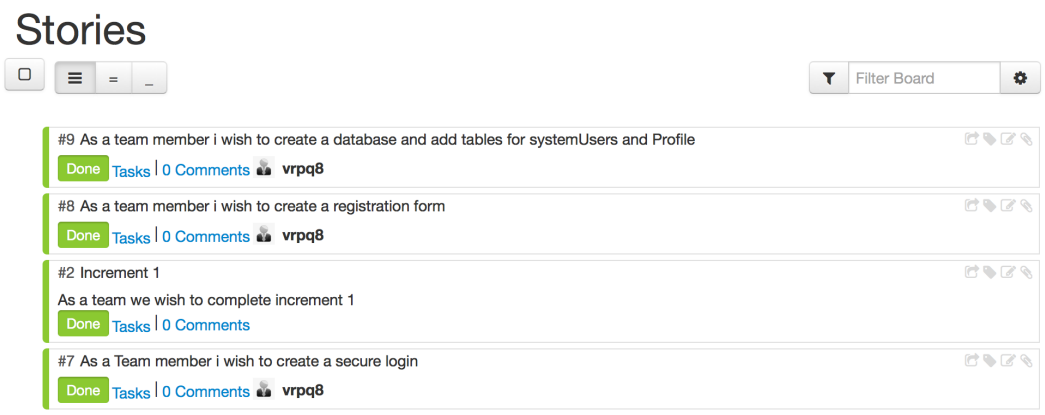


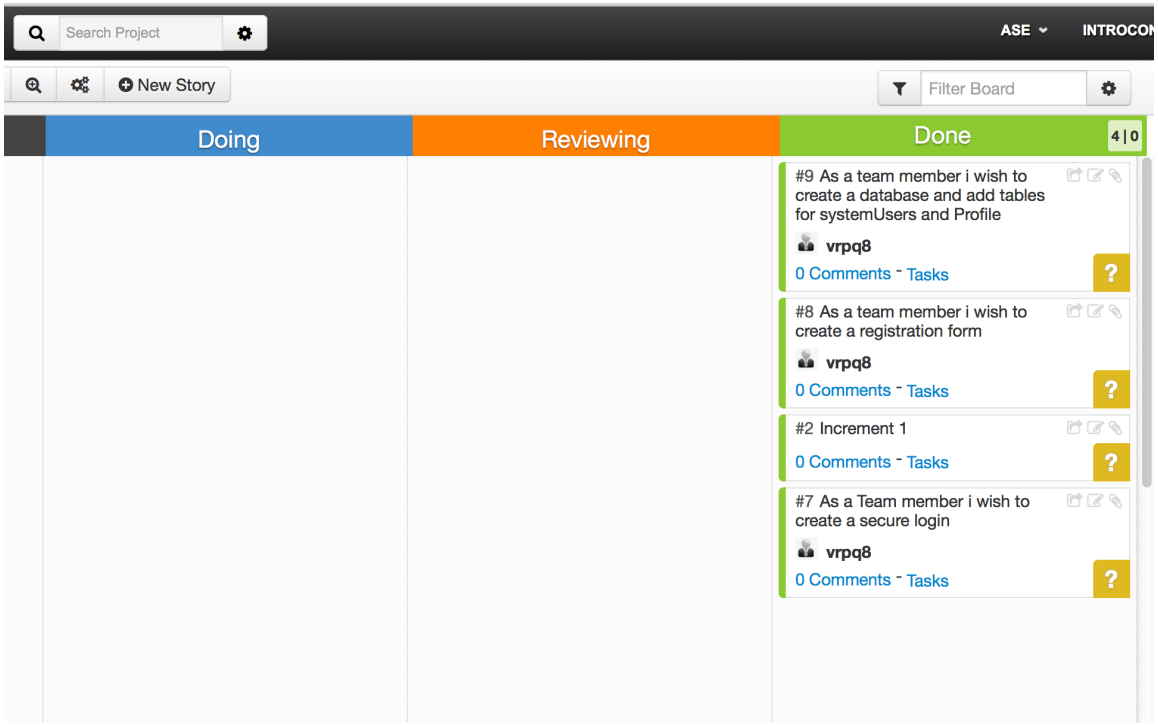
	Name	Data Type	Allow Nulls	Default
🔑	Id	int	☐	
	Username	nchar(10)	☑	
	FirstName	nchar(10)	☑	
	MiddleName	image	☑	
	LastName	nchar(10)	☑	
	Birthday	nchar(10)	☑	
	Hometown	nchar(10)	☑	
	CurrentAddress	nchar(10)	☑	
	HighSchool	nchar(10)	☑	
	College	nchar(10)	☑	
	Major	nchar(10)	☑	
	Occupation	nchar(10)	☑	
	Facebook	nchar(10)	☑	
	Linkdin	nchar(10)	☑	
	twitter	nchar(10)	☑	
	PhoneNumber	nchar(10)	☑	
	NickName	nchar(10)	☑	
	Hobbies	nchar(10)	☑	
	AboutMe	nchar(10)	☑	
			☐	

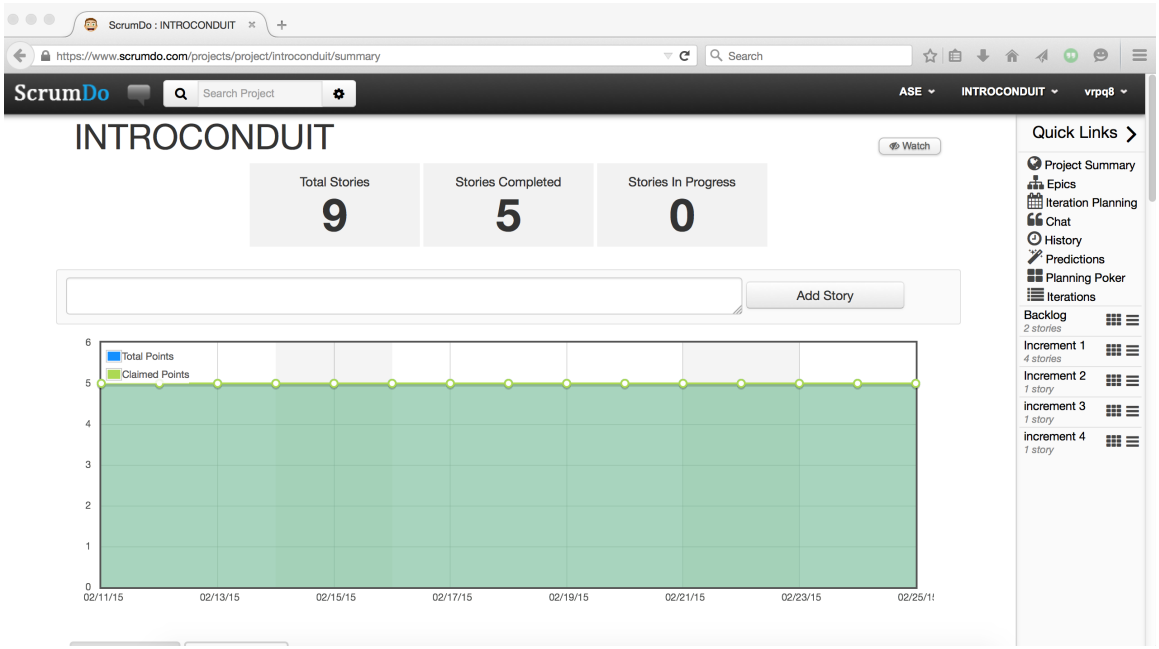
Reference:

1. http://www.codeproject.com/Articles
2. http://www.shawnmclean.com/blog/2012/04/simplecrypto-net-a-pbkdf2-hashing-wrapper-for-net-framework/

3. ScrumDo .


Stories
Filter Board
#9 As a team member i wish to create a database and add tables for systemUsers and Profile
Done Tasks | 0 Comments vrpq8
#8 As a team member i wish to create a registration form
Done Tasks | 0 Comments vrpq8
#2 Increment 1
As a team we wish to complete increment 1
Done Tasks | 0 Comments
#7 As a Team member i wish to create a secure login
Done Tasks | 0 Comments vrpq8


Search Project
ASE
INTROCON
New Story
Filter Board
Doing
Reviewing
Done
4 | 0
#9 As a team member i wish to create a database and add tables for systemUsers and Profile
vrpq8
0 Comments - Tasks
#8 As a team member i wish to create a registration form
vrpq8
0 Comments - Tasks
#2 Increment 1
0 Comments - Tasks
#7 As a Team member i wish to create a secure login
vrpq8
0 Comments - Tasks



3.1 Implementation status report:

- Work Completed:
  Login/Registration/Logout services successfully created and implemented (Vishnu).
  Main Database Successfully created and implemented (Vishnu).
  Documentation of Increment 1 and ScrumDo (Karthik, Shyam).
  Time Taken (20 hours).

- Work to be Completed:
  Forum, Quiz, Resources.
  Time estimated (#hours).

- Issues/Concerns:
  Front End of the Website needs to be designed.
  Testing has to be done.
  Local Database may not be enough, researching the best solution for this issue.

GITHUB Link:

https://github.com/vishnurainigari/Project