

1,2,3-layer Applications

11BD02012

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1 layer application



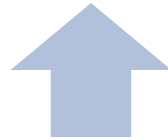
Presentation layer/UID
Domain/Business Logic
Data management/Database

1 layer

Display UI entering form
Finding userID in array of users
Check the password
Authorization
Schedule page
Take the certain student's schedule
Display schedule in the table

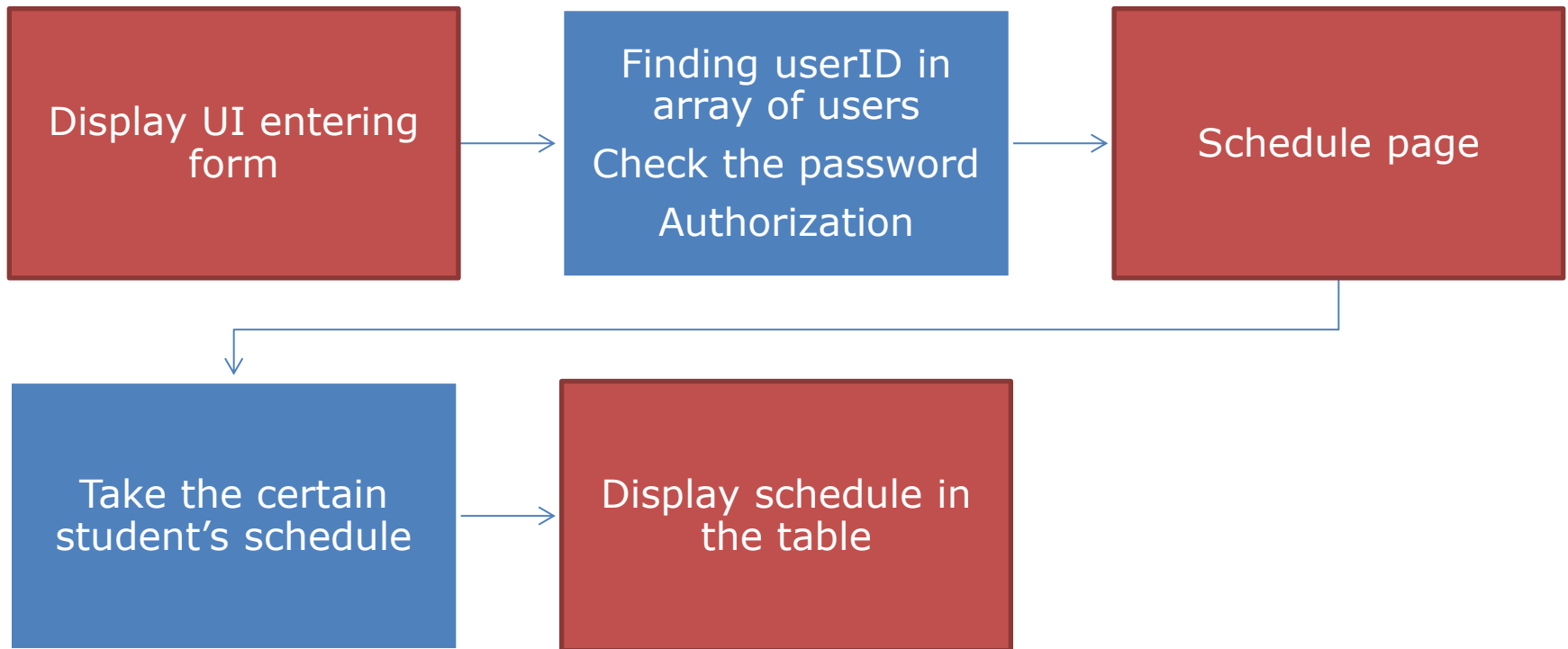
2 layer application

Presentation layer/UID

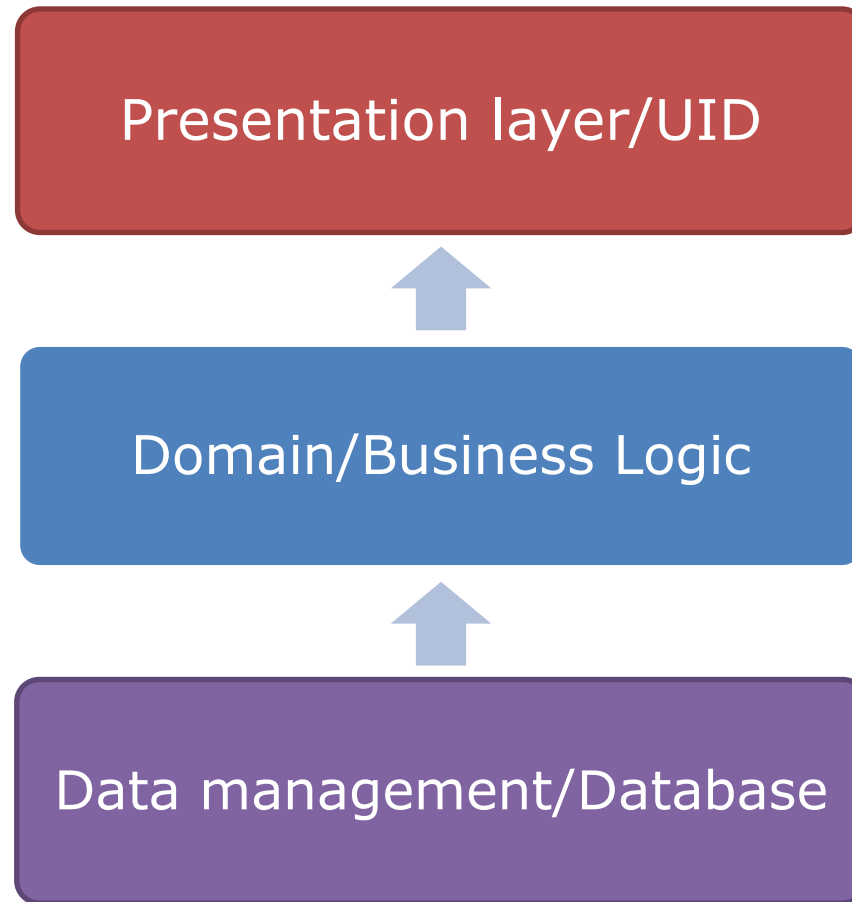


Domain/Business Logic
Data management/Database

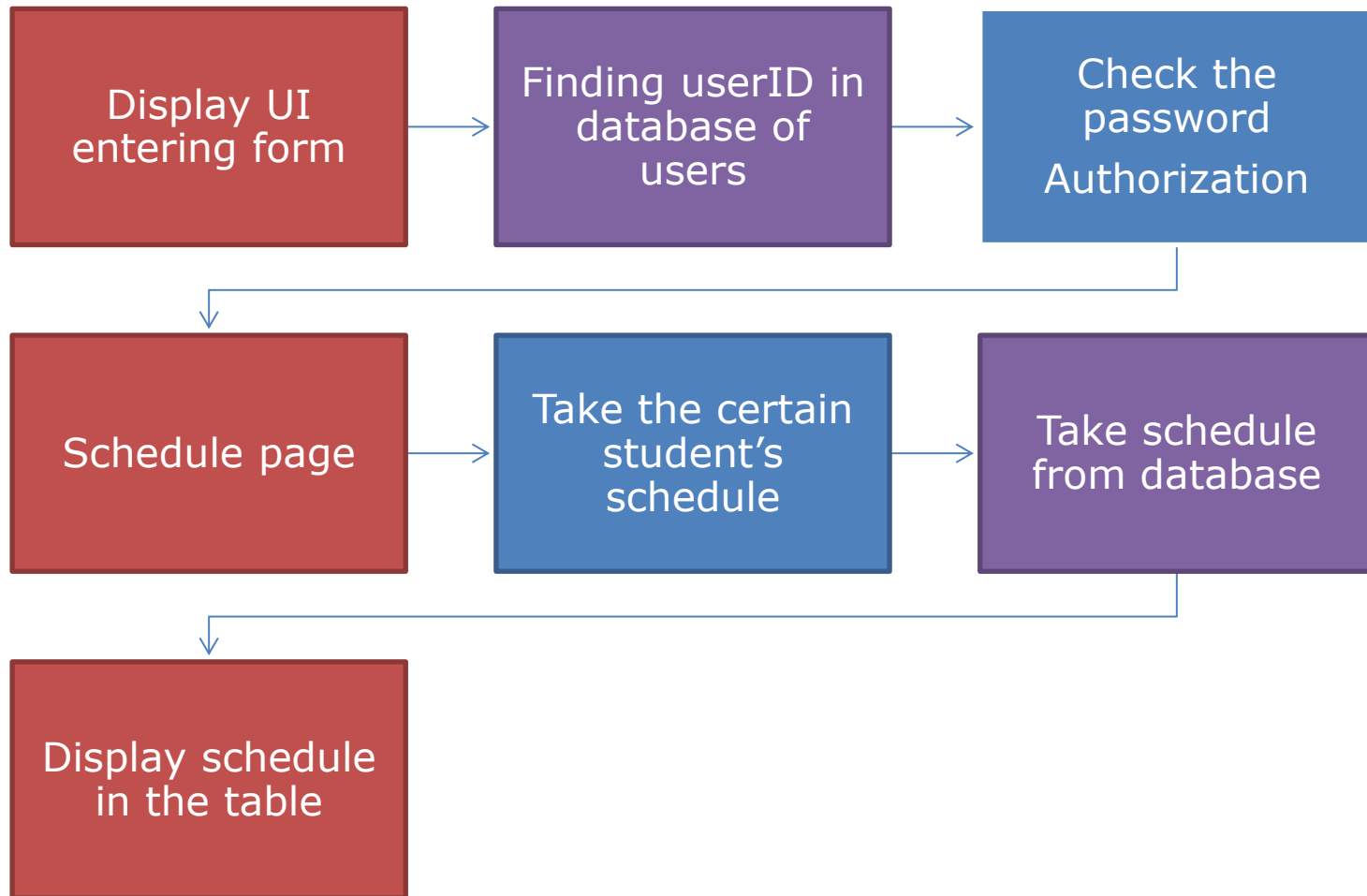
2 layer



3 layer application

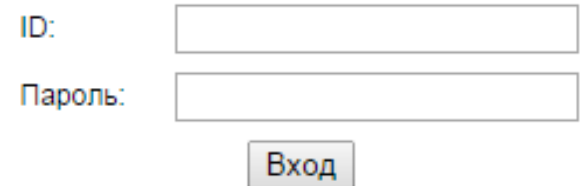


3 layer



Description of entering process

1. Draw UI form for entering procedure



A login form with two input fields and a button. The first field is labeled 'ID:' and the second is labeled 'Пароль:'. Below the fields is a button labeled 'Вход'.

ID:	<input type="text"/>
Пароль:	<input type="password"/>
<input type="button" value="Вход"/>	

2. Take information from form (`char *user_id`, string `user_passwrд`)
3. Finding coincidence in array/database (if exists) of students (`if (user_id.equals(user[i])){}`)
4. If found check the password (`if(user_passwrд.equals(password[i]))`)
5. Check whether it is student or teacher (`user_id[2]='B'` and `user_id[2]='D' => Student`)
6. If everything is OK go to next page