**COMP 8347: Internet Applications and Distributed Systems**

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Tasks:

1. In admin.py create a class PublisherAdmin(admin.ModelAdmin), register this with the admin site and show the name, website, and city fields, for each Publisher, in the admin interface page that lists all Publishers.
2. In admin.py write an action for BookAdmin class that will add $10 to the current price of the book for the selected books and save the updated price in the database.
3. Create ‘register’ view that allows a user to register as a Member. Update myapp/urls.py and create register.html
4. Update the user\_login view created in Lab 10 so that if an user who is not logged in goes to url ‘/myapp/ chk\_reviews//’ they will be directed to the login page and after successful login they will go directly to the ‘/myapp/ chk\_reviews//’ page (instead of the main index page).
5. Update base.html so that if a user is logged in, it will display Logout (myapp/logout) link. Otherwise it will display Register Here (myapp/register) and Login (myapp/login) links. Each link should go to the corresponding view function defined earlier (in Lab 10 or in step 3 above).
6. Update base.html so that if a user is logged in, it will display “Hello ” instead of “Hello User”. Here is the first name of the user that is currently logged in.
7. Save db in JSON format. Load initial data using fixtures
8. Add validators for price field in Book model so that it is between $0 and $1000.
9. Upload image file. Add an optional image field for a Member to upload his/her photo.
10. Update index and detail view functions in views.py to use class based views (CBV). 5
11. Use Bootstrap to style your pages
12. In admin.py create a class MemberAdmin(admin.ModelAdmin), register this with the admin site and show the first\_name, last\_name, status fields and list of borrowd\_books for each member, in the admin interface page that lists all members.
13. Add a ‘Forgot password’ link on login page. It should email a new password to the user.
14. Update the views.review so that only users who are logged in and are either a Regular member or a Premium member can submit a review.
15. Create myorders view. Define a view function myorders(request) in your views.py file. The user must be logged in to access this function. For a logged in user: if the user is a Member, return all the orders that have been placed by the user; otherwise, display a message: ‘You are not a registered member!’. Update myapp/urls.py appropriately and create myorders.html to display the orders that have been placed by the client or a suitable message (if the client has not placed any orders).
16. Maintain complete session from start to end for each user.
17. Change Password functionality is an addition.
18. Complete profile updation including username, email and profile picture
19. Explored Crispy library for responsive form design.
20. Added customized header based on user login status