

CS526—Enterprise and Cloud Computing
Stevens Institute of Technology
Assignment Three—Web Security—Rubric

- ☐ 1. (20) Registration and Login actions work with ASP.NET Identity. (*Video*)
 - Startup class initializes the database context, initializes the services for ASP.NET Identity, and configures the application to use authentication (show Startup to check this).
 - Actions in controllers are annotated with Authorize, with AllowAnonymous for registration and login actions, and with ValidateAntiForgeryToken to prevent CSRF attacks (show AccountController and ImagesController to check this).
 - Database is initialized with some initial users, including at least one in admin role and at least one in approver role (show ApplicationDbContextInitializer to check this).
 - Registration and login actions completed (show AccountController to check this).
- ☐ 2. (15) All actions except Welcome, Registration and Login require authentication. Attempt to access a protected action redirects to login screen, then redirects back to original action after authentication. (*Video*)
- ☐ 3. (10) Upload action displays details, but image is not immediately available for viewing e.g. via ListAll. (*Video*)
- ☐ 4. (15) Approve action allows an image to be viewed. Approver authorization required (show failure for someone without Approver authorization). (*Video*)
- ☐ 5. (20) Delete action disables or deletes a user account, and associated images. Admin authorization required (show failure for someone without Administrator authorization). (*Video*)
- ☐ 6. (15) List images by user and by tag continue to work. (*Video*)
- ☐ 7. (5) Completed rubric.