

**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 ApplicationDbInitializer 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.