<div align="center">

CSC 642 HCI Fall 2021

Individual assignment – Forms

20+ (20 + bonus 2)/100 grade points

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CSC 642 842 Fall 2021 Individual assignment Grading Template

Student name: Jimmy Shu Yeung
Student Id:

Total base points out of max 20:   **Bonus points (automated testing, max 2): 2**

Assignment Total: 21

Check items/rubrics below and subtract points in each if issues are discovered (usually 1 point per error unless otherwise noted). One suggestion is to use this template as is and annotate each entry below if it has issues (can do PDF annotations) e.g. "fields not aligned -1 p"

Form a)

- Form contains all required fields and proper texting including title, and in the right order as in the assignment instructions (-3 points if not correct)

- Proper UI design patterns and layout as per best practices for Forms design specifically (can subtract 1 p for each violation):
  - Form fields are in one <u>not</u> two columns
  - Form fields properly aligned (left side)
  - Font and background of colors such that the form is easy to read on WWW and mobile
  - Instruction text for each field placed properly next, above or below the field
  - ○ Pull down menus have proper default setting such as "chose one"
  - Proper use of check boxes vs. radio buttons

- Field validations (subtract -1 p for each violation):
  - first and last name: up to 40 characters;

- ▪ -1 names accept numbers
  - o phone: 7 positive digits;
  - o address : each entry up to 40 alpha numeric characters; Zip code: positive 5 digit number,
  - o e-mail: verify basic e-mail format e.g. has @ sign etc.)

- Mandatory fields: Must enforced fields marked * (-1 p if violation)

- Error handling: erroneous entry (improper input data format, missing entry etc.) must be handled appropriately (consult best practices and class slides). Preferred ways is to detect and who error immediately upon user entry. Has to be easy to correct errors. Proper error message must point to what was wrong and what is the proper way (up to -2 points if not approriate)

- Test on two most common browsers (e.g. test fully on one, do a <u>very brief check</u> on another one) (-1 p if not working)

- Responsive implementation: must render and execute well on mobile devices (test by resizing browsers and try one field just to check). Test both pages a) and b) (- 2 p if not working)

Form b):

- Verify it has correct data and field names and form title and displayed in same order (-2 p if not correct)

- Verify that the form is designed out as per best practices of form design (especially one column, alignment, text formats, readability) (-2 p if not correct)

TOTAL base points out of max 20:

Automated testing – optional 2 bonus points – verify test log:

Use your judgement to conclude if student had run the automated test properly (minimum 2 fields were to be tested). If so add 2 points.

Bonus points for automated testing: 2