

CSE 365: Computer Vision Project

Deadline **26th December 2019 11:59PM**

Introduction:

In this Project, you are asked to apply the computer vision tools you studied in this course to solve a practical computer vision problem using OpenCV

Project Description:

In this project, the goal to extract the answer in the form shown in the following figure which includes the following information:

- Gender
- Semester
- Program
- 5 categories of MCQ questions. Each question has an answer from 1 to 5.

It is required use the computer vision tools you studied in the course to extract this information.

Deliverables:

- You have to implement your project using OpenCV (C++ or python).
- You have to submit your project source code. Your code has to be commented.
- Your report should document your implemented solution. Give intermediate results of your algorithm.
- Your executable code has to be delivered which takes an image as an input and give a text file that has the extracted information.



End-Course/Module Evaluation

Course Code	<input type="text"/>	Course Name	<input type="text"/>	Gender	<input type="radio"/> Male <input type="radio"/> Female
Semester	<input type="radio"/> Fall <input type="radio"/> Spring <input type="radio"/> Summer				
Program	<input type="radio"/> MCTA <input type="radio"/> ENVR <input type="radio"/> BIDS <input type="radio"/> CBSS <input type="radio"/> BRGY <input type="radio"/> CMM <input type="radio"/> MARI <input type="radio"/> LARR <input type="radio"/> MERT <input type="radio"/> CSE <input type="radio"/> HADD				
Mark as shown	<input type="radio"/> CORRECT <input type="radio"/> INCORRECT				

Please use a ball-point pen or a thin felt tip. This form will be processed automatically.
Please follow the examples shown on the left hand side to help optimize the reading results.

It is important to us to get feedback from you about this course/module. The results of the survey are anonymised and individual comments are not identified, so please take the time to answer all the questions as fully as you can. Your feedback will be used to review this course/module and to plan for the future.
Please select one box for each question that best reflects your opinion.
Please do not identify any individuals (including staff names) in your comments.

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1. Teaching Sessions					
1.1 The teaching on this course/module is intellectually stimulating.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1.2 Matters are explained well in the teaching sessions.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1.3 The teaching methods used helped me to learn.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1.4 Lecturers were good at explaining things.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1.5 The course/module was academically challenging.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2. Course/Module Support					
2.1 I am aware of the course/module learning outcomes.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2.2 The assessment requirements were clear.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2.3 I feel well supported on this course/module.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2.4 Feedback on summative work was provided within the time specified	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2.5 The workload for this course/module is manageable.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2.6 The assessments completed so far stimulated my learning.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3. Course/Module Organization					
3.1 The course/module was well organized and ran smoothly.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3.2 The course/module focused on what was set out in the student guide.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3.3 I have been able to contact staff when I needed to.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4. Course/Module Resources					
4.1 The course/module materials on Moodle are helpful in supporting my learning.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4.2 The library resources for the course/module, including its digital resources, meet my needs.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4.3 I am satisfied with the quality of classroom facilities for this course/module.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5. Course/Module Satisfaction					
5.1 Overall, I was satisfied with my experience of this course/module.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5.2 I would recommend this course/module to another student	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>