Mirpur University of Science & Technology, MUST Mirpur AJ&K
Department of Software Engineering

Course Title:	Artificial Intelligence	**Semester:**	Spring-2019
Course Code:	SE-126	**Max Marks:**	10
Instructor:	Engr. Afzal Ahmed	**Deadline:**	**29th OCT, 2015**

INSTRUCTIONS:
i.   There shall be no submission after deadline.
ii.   Report shall follow the IEEE standards.
iii.   Copied assignments shall result in zero marks no matter who copied whom.

Title	Abstract
Human Recognition from crowd using video analytics	It was required to build a smart program for the purpose of surveillance; that will provide information about every individual possible in a crowded place e.g a train station. In this regard, the video analytics tools are applied using live feed of camera. The operator in the main control panel is able to detect each person from a crowd remotely , where ever the surveillance camera is installed. The program will certainly with a small size processor keeping in view the mobility issue. So the use of Raspberry Pi is applicable under such computational and mobility requirements. It's almost equal to a credit card in size but with a great computational power and plug and play ports.Carrying the attributes of video analytics, the program is capable tobreak the live video input into frames. Then these frames are passed through filters and face detecting algorithms. The acquired images are matched with the project's database already stored in the control room of the organization.This program is can easily detect the crowd behaviours and wanted persons also using face recognition algorithm. It's a program for the sole purpose of security survillence in sensitive areas like military setups and housing schemes like bahria town etc.

Good Luck