	Wydział Automatyki, Elektroniki i Informatyki Katedra Grafiki, Wizji Komputerowej i Systemów Cyfrowych			
Academc year			**Group**	**Section**
2021/2022	SSI	**BIAI**	**1**	**-**
Supervisor	Grzegorz Baron		**Term**	
Names of section members **contact email (polsl domain!!):**	Aleksander Świtała		**Tuesday**	
			8:00 - 9:30	

Project card

Subject:

Fruits and vegetables image recognition

Main assumptions:

   Main aim of the project is to recognize fruits and vegetables provided by database using image recognition. This is the classic project topic used for presenting the capabilities of processing images using neural network.

   The main tasks of algorithm will be to recognize using detection if there are any fruits/vegetables from database spoted on the image, mark them, and label them using apropiate names thanks to classification.

   For implementing the solution python programming language will be used as it is the easiest, and most used language for solving problems requiring use of neural network or AI. The method used will classification, and detection.

   The database of fruits and vegetables used for training, testing, and validation is downloaded from kaggle.com. Its size is about 8gb, contains about 30 categories of objects and each have nearly 500 images.

	Date	**Mark:**
Assumptions		
Presentation		
Impl/ Research descr.		
Report		
Final mark:		