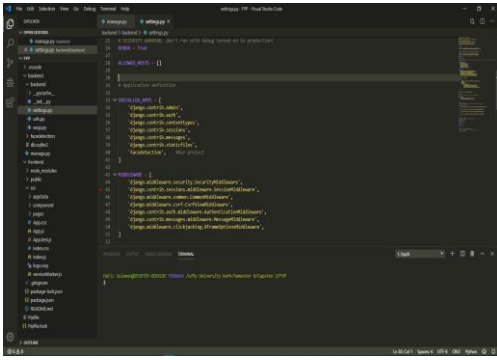
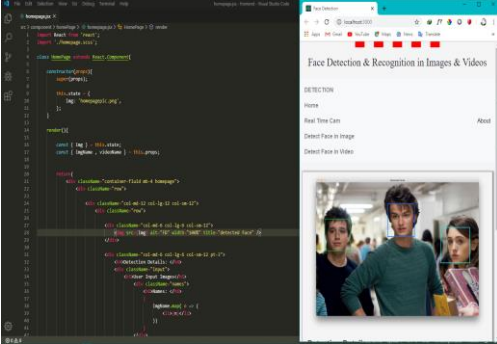


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Capstone Project 2019-20

BSCS 7th Regular

PROJECT IMPLEMENTATION PLAN

Sr.	Milestone Detail	Outcome	Project %	Roll #	Member's Contribution	Learning Outcome	Viva
1	Front-End & Back-End setup complete (week 1)		5%	BSCS-F16-LC-014	Create react app via npm modules on cmd interface	Learn that how to create 1 st basic react.js app	
				BSCS-F16-LC-018	Create backend python & Connect react app with python backend	Learn that how to connect react with python	
2	Home Page Create (week 2)		10%	BSCS-F16-LC-014	Home page class component create and styles	Learn that how to create class component in react.js.	
				BSCS-F16-LC-018	Passing data in props and Mapping on array to render all data.	Learn that how to pass data in props of child component from parent component	

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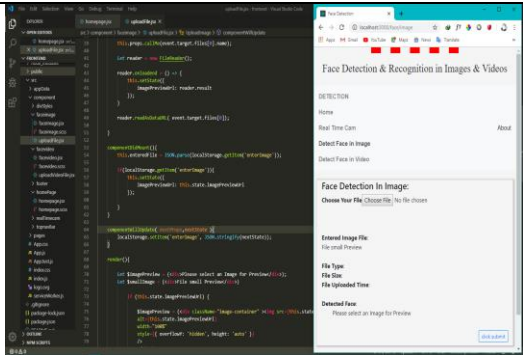
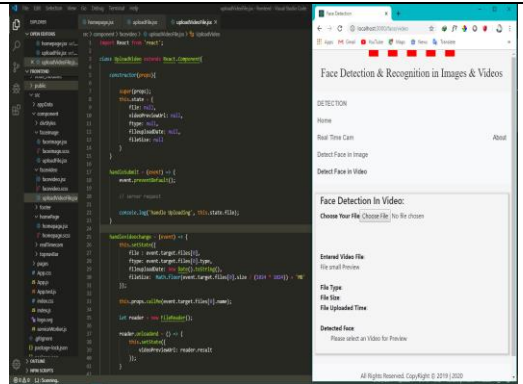
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3	Input Image with properties (week 3)		20%	BSCS-F16-LC-014	Pass input file to parent via callMe method . Also, learn how to use a component within a component.	Learn how to pass the file to parent via callMe method . Also, Component usage.	
				BSCS-F16-LC-018	File Input handling in react.js with all properties of input file (image).	Learn file handling in react.	
4	Input Video with properties (week 4)		30%	BSCS-F16-LC-014	Pass input file to parent via callMe method .	Learn how to pass the file to parent via callMe method .	
				BSCS-F16-LC-018	File Input handling in react.js with all properties of	Learn video file handling in react and	

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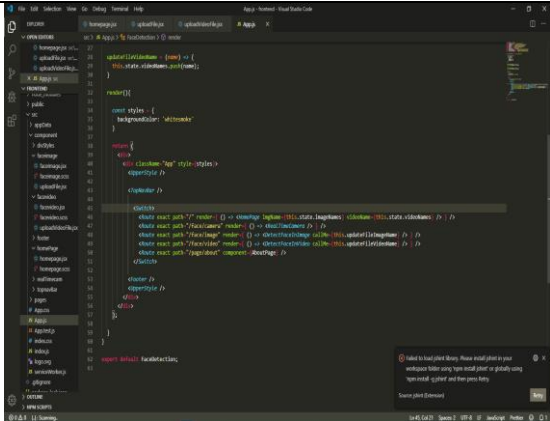
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					input file (video). Also, learn how to use a component within a component.	component usage.	
5	React URL based Routing Implemented (week 5)		37%	BSCS-F16-LC-014	Connect main app with browser router & apply switch on it	Learn how to connect main app with BrowserRouter. In addition, how to use switch.	
				BSCS-F16-LC-018	Apply route and render component in route, also assign link to navigation items.	Learn how to work with route and link in react.js	

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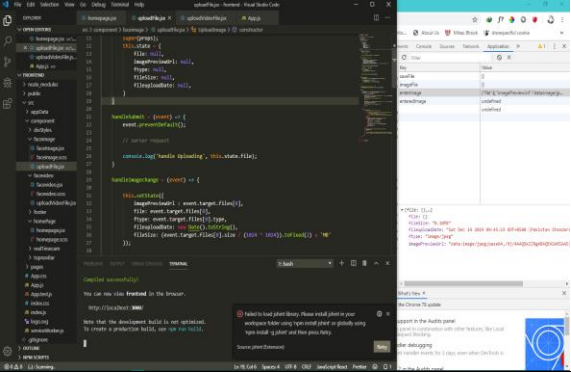
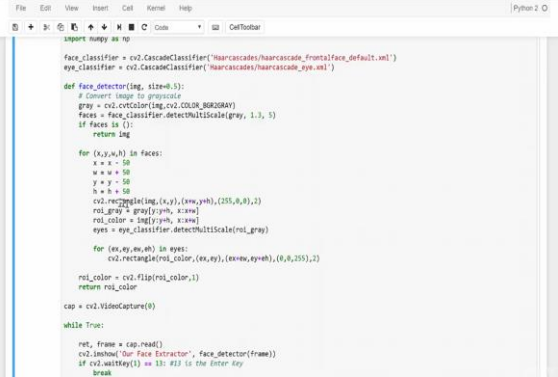
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6	Request Generate on backend server (week 6)		42%	BSCS-F16-LC-014	Create request on backend server with axios.	Learn how to generate request on backend server	
				BSCS-F16-LC-018	Pass data with request generating on server also debug it.	Learn to pass data from body request.	
7	Adaboost and cascade algorithm learn & apply (week 7 & 8)		60%	BSCS-F16-LC-014	Apply Adaboost algorithm all aspects of this and apply. Group work	Learn how to used algorithm and algorithm results are better or not.	
				BSCS-F16-LC-018	Apply Adaboost algorithm all	Learn how to used algorithm and algorithm	

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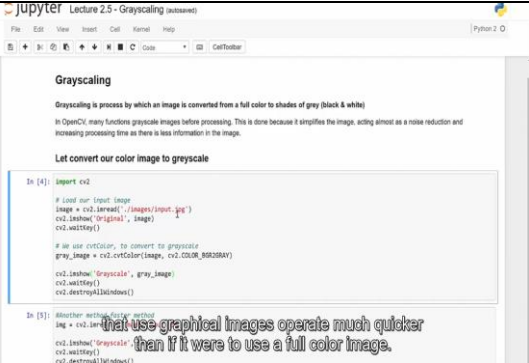
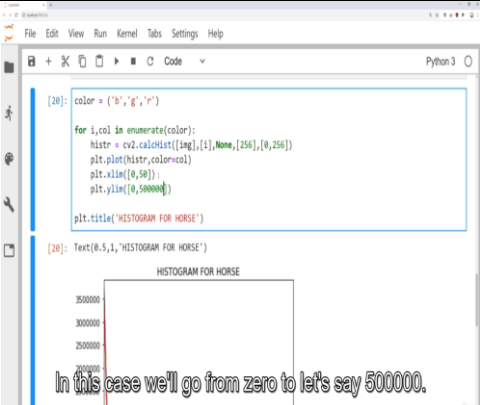
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					aspects of this and apply. Group work	results are better or not.	
8	Grayscale of images (week 9)		65%	BSCS-F16-LC-014	Grayscale apply	Learn about Grayscale and how to apply	
				BSCS-F16-LC-018	Convert image to grayscale image.	Learn to convert input image to grayscale image.	
9	Histogram of images (understanding histogram equalization) (week 10)		70%	BSCS-F16-LC-014	Histogram apply	Learn about Histogram and how to apply	

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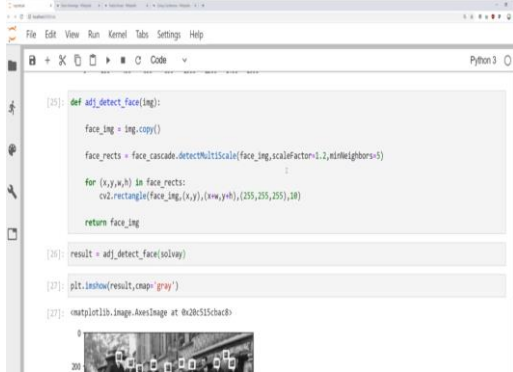
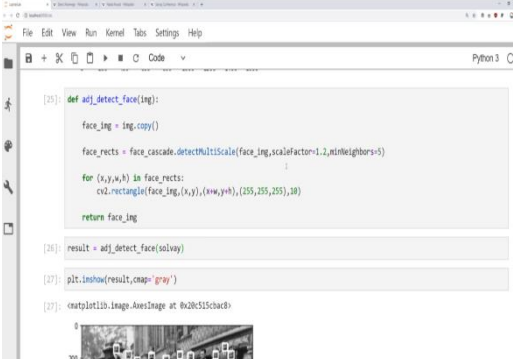
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				BSCS-F16-LC-018	Convert to histogram equalization.	Learn to convert input image to histogram	
10	Detect Face in Image (week 11)		75%	BSCS-F16-LC-014	Localize face in image. Combine work	Learn to localize face of all faces in given input image.	
				BSCS-F16-LC-018	Localize face in image. Combine work	Learn to localize face of all faces in given input image.	
11	Recognize Face in Image (week 12)		80%	BSCS-F16-LC-014	Recognize face in image (it is really face or not). Combine work	Learn to recognize face of all faces in given input image.	

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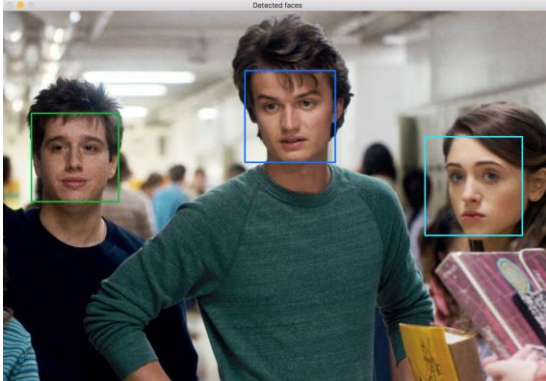
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				BSCS-F16-LC-018	Recognize face in image (it is really face or not). Combine work	Learn to recognize face of all faces in given input image.	
12	Label Face in Image (week 13)		85%	BSCS-F16-LC-014	Label all faces in given image with rectangle. Combine work	Learn how to draw rectangle box around face	
				BSCS-F16-LC-018	Label all faces in given image with rectangle. Combine work	Learn how to draw rectangle box around face.	

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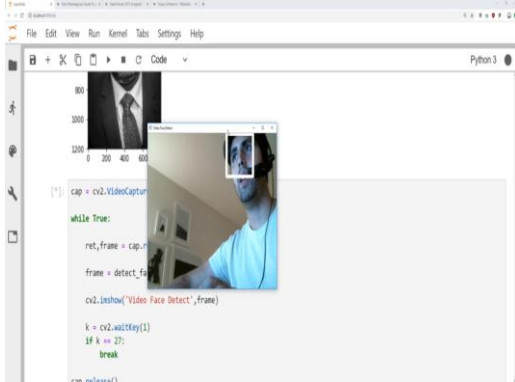
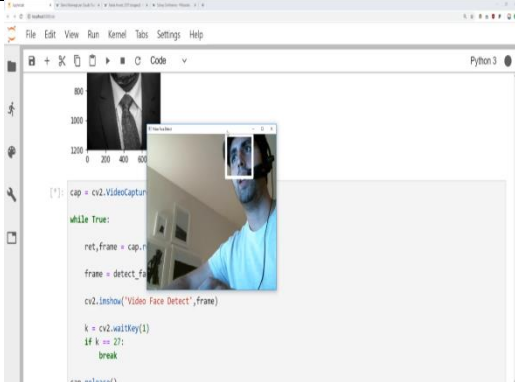
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13	Detect Face in video (week 14)		90%	BSCS-F16-LC-014	Localize face in image. Combine work	Learn to localize face of all faces in given input video.	
				BSCS-F16-LC-018	Localize face in image. Combine work	Learn to localize face of all faces in given input video.	
14	Recognize Face in video (week 15)		95%	BSCS-F16-LC-014	Recognize face in video element (it is really face or not). Combine work	Learn to recognize face of all faces in given input video.	
				BSCS-F16-LC-018	Recognize face in video element (it is really face or	Learn to recognize face of all faces in	

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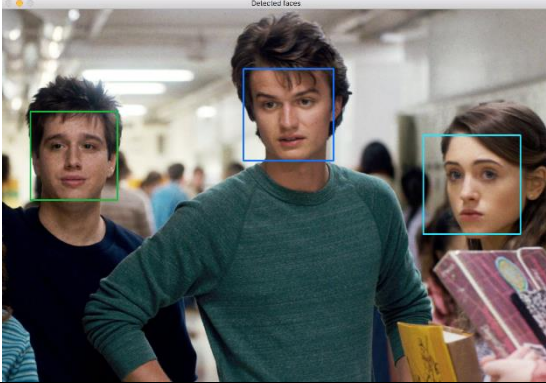
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					not). Combine work	given input video.	
15	Label Face in video (week 16)		100%	BSCS-F16-LC-014	Label all faces in given video with rectangle. Combine work	Learn how to draw rectangle box around face	
				BSCS-F16-LC-018	Label all faces in given video with rectangle. Combine work	Learn how to draw rectangle box around face.	

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