Initial Team Description

Team #1

Team Members

- Chongzhi Gao
- Rouyu Li
- Bin Luo
- Karen Winona Setiawan
- Jing Zhang

Project Name: Zoom plus+

Team Name: ZoomGuys

Project Synopsis:

A web application geared towards teaching individuals who wants to know check if their online students are paying attention or not

Project Description:

Zoom is widely used by instructors due to Covid-19. Although it has many features that instructors love, it is still lacking features that can be helpful to teachers and students. For one, it is difficult for instructors to gauge interest levels in class. This can be attributed to both the barriers of internet communication, as well as the distractions presented by being at home.

We are planning for Zoom plus⁺ to have more features that can aid instructors in checking if the students are listening to class and also provide statistics that could improve the learning experience.

The end result of the project of Zoom plus⁺ will be a web application that will utilize a machine learning model to detect the student's gaze, a scraping library to scrape the number of students and logins to zoom, automatic captioning during lectures and lastly to only allow students access to the zoom tab.

Project Milestones:

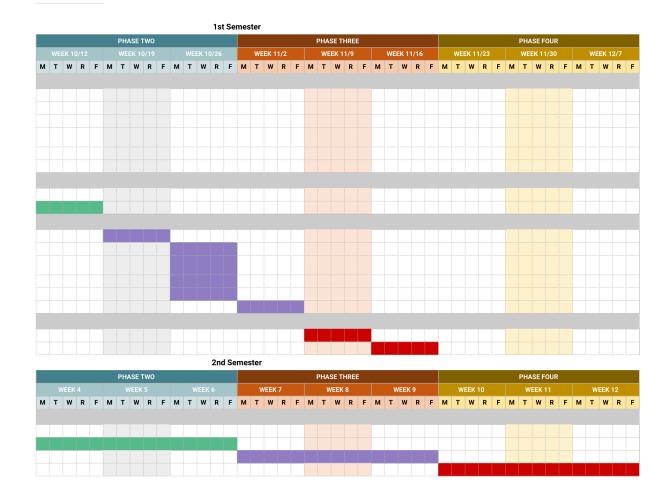
- 3-5 specific and measurable objectives per semester for first & second semester.
- Estimated completion date for each milestone.
- Both implementation and documentation milestones.
- Gantt Chart including who will do what

Zoom Plus Plus

TEAM NUMBER	Team #1		
PROJECT MANAGER	Chongzhi Gao, Rouyu Li, Bin Luo, Karen Winona Setiawan, Jing Zhang	DATE	3/12/18

	TASK TITLE	TASK OWNER	START DATE	DUE DATE	DURATION	PCT OF TASK COMPLETE	PHASE ONE														
WBS NUMBER							WEEK 9/21						WEEK 9/28					WEE	K 10		
							М	Т	W	R	F	М	т	w	R	F	М	т	w	R	F
1	Project Conception and Initiation	1																			
1.1	Project Charter	Team	9/21/20	9/25/20	5	100%													Т		
1.2	Research	Team	9/28/20	10/2/20	5	100%															
1.2.1	Raised hands	Karen	9/28/20	10/2/20	5	100%															
1.2.2	Tracking eyesight/Check for mask	Li Ruoyu, Chongzhi Gao	9/28/20	10/2/20	5	100%															
1.2.3	Auto CC	Luo Bin	9/28/20	10/2/20	5	100%															
1.2.4	Students only open zoom	Zhang Jing	9/28/20	10/2/20	5	100%															
2	Project Definition and Planning																				
2.1	Diagrams	Team	10/5/20	10/9/20	5	0%	Т														
2.2	Initial desige		10/12/20	10/16/20	5	0%	1														
3	Project Conception and Initiation	1																			
3.1	Setup Envirment	Team	10/19/20	10/23/20	5	0%	П														
3.2	Raised hands	Karen	10/26/20	10/30/20	5	0%	1														
3.3	Tracking eyesight/Check for mask	Li Ruoyu, Chongzhi Gao	10/26/20	10/30/20	5	0%															
3.4	Auto CC	Luo Bin	10/26/20	10/30/20	5	0%	T														
3.5	Students only open zoom	Zhang Jing	10/26/20	10/30/20	5	0%															
3.6	Project Front-end	Team	11/2/20	11/6/20	5	0%															
4	Project Performance / Monitorin	g																			
4.1	Finished styled	Team	11/9/20	11/13/20	5	0%	Г												П		
4.2	Connect Front-end Back-end	Team	11/16/20	11/20/20	5	0%	1														

WBS NUMBER	TASK TITLE		START DATE	DUE DATE	DURATION	PCT OF TASK COMPLETE	PHASE ONE														
		TASK OWNER					WEEK 1					WEEK 2					WEEK 3				
							М	Т	٧	/ R	F	М	Т	w	R	F	М	т	w	R	F
1	Project Finishing																				
1.1	Testing	Team				0%															
1.2	video making	Team				0%															
1.3	report	Team				0%															
1.4	documentation finished	Team				0%															



First Semester:

- Project Requirements/Plan (9/20/2020)
- Finish Researching Programming tools such as OpenCV, Dlib, Selenium, Flask, Twilio, Google's text to speech api, 2captcha api (10/2/2020)
- Initial Project Description (10/5/2020)
- Project Proposal Report (10/26/2020)
- Documentation (No specific due date, we plan to document as we implement)

Second Semester:

- Front-end and back-end finish implementation (2/19/2021)
- Front-end and back-end integration (3/6/2021)

• Finish Testing (3/26/2021)

Project Budget:

- Hardware, software, and/or computing resources
- Estimated cost Vendor
- Special training (e.g., VR)
- When they will be required

2Captcha (Online captcha solver API) to be used in first and second semester to used for automatic zoom login- \$1 per 1000 captcha solve