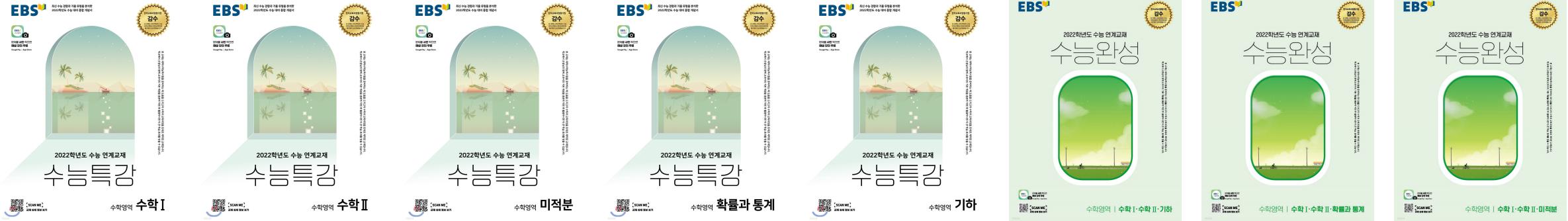


Capstone Design Project

	Minji	Daehee	Eunji	Daeveol		10	11	12	13	14	15	
WEEK	5 9/27~10/3	6 10/4~10/10	7 10/11~10/17	8 10/18~10/24	9 10/25~10/31		11/1~11/7	11/8~11/14	11/15~11/21	11/22~11/28	11/29~12/05	12/06~12/10
EVENT	Midterm Presentation Demo Presentation Final Presentation											
Develop idea												
- Design feature for motivation	ALL											
- Study core technology	ALL											
FRONT / BACK												
- Build server with Flask		Minji										
- DB setting		Minji										
- UI/UX/flow design		Daeyeol / Eunji	Daeyeol / Eunji			Daeyeol / Eunji	Daeyeol / Eunji					
- Frontend implementation		Eunji / Daeyeol	Eunji / Daeyeol			Eunji / Daeyeol	Eunji / Daeyeol	Eunji / Daeyeol				
- App api server implementation		Daeyeol / Eunji	Daeyeol / Eunji			Daeyeol / Eunji	Daeyeol / Eunji	Daeyeol / Eunji				
- Review note generation								Eunji / Daeyeol	Eunji / Daeyeol			
MODEL												
- Image dewraping		Daehee										
- Collect data for object detection(Question)	Daehee/Minji	Daehee/Minji	~									
- Collect data for object detection(answer)		Daehee/Minji	Daehee/Minji			ALL	ALL					
- Labeling object area						Daehee/Minji	Daehee/Minji		Minji/Daehee			
- Detect multiple choice questions									Minji/Daehee			
- Build YOLO model and train									Minji/Daehee			
- Match Question and Answer									Minji/Daehee			
NEXT STEP												
- Regenerate question feature						Minji/Daehee	Minji/Daehee	Minji/Daehee				
- Add feature for motivation							Eunji / Daeyeol	Eunji / Daeyeol	Eunji / Daeyeol	Eunji / Daeyeol		

Data Labeling



민지

수특 수학I, 수학II

대열

수특 기하, 수완 기하

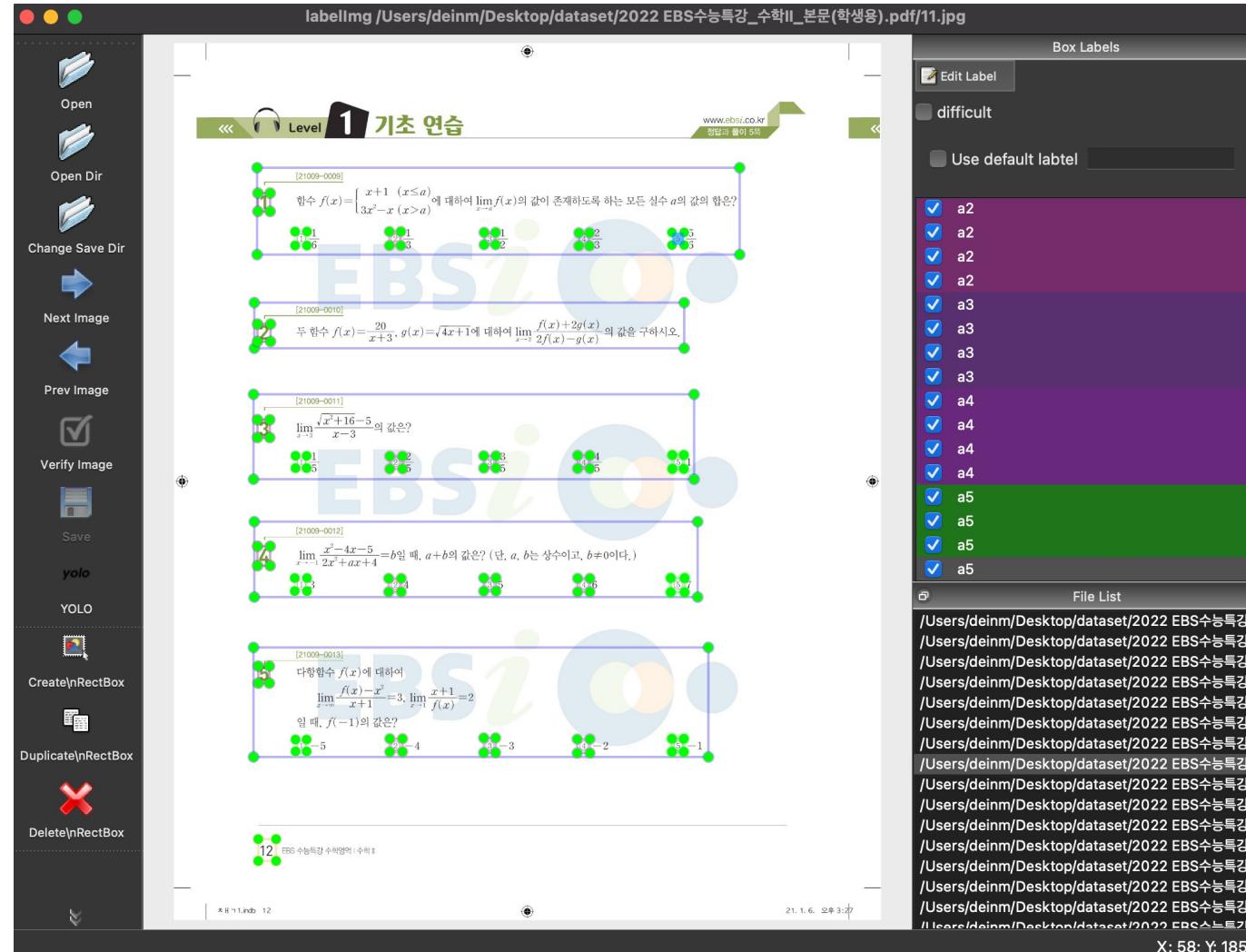
대희

수특 미적, 수완 미적

은지

수특 확통, 수완 확통

Data Labeling



- q(question)
- qn(question number)
- a1~a5(answer1~5)
- pn(page number)

<https://github.com/tzutalin/labelImg>

Data Labeling

Total 400 pages, 1000 questions

- 수완 공통 문제 140
- 수완 과목별 50문제*3권 = 150
- 수특 140문제*5권 = 700



Minji

- Select model, search for dataset labeling tools and data format
- Data Labeling
- TODO : train/test model, fine tuning



Daehee

- Data labeling
- Dataset augmentation
- Select/modify model
- Train model(proceeding)
- TODO : train/test model, fine tuning



Daeyeol

- UI/UX design
- Study flask framework
- Data labeling
- TODO : DB Design, Backend development env setting



Eunji

- Implement transition between views
- Data labeling
- TODO : Connect database, Implement additional views(Problem, Achievement, History, …)

Thanks