YOLO v5

Class	Images	Labels	Precision	Recall
all	72	1557	0.837	0.8135
English	72	1501	0.884	0.855
Urdu	72	56	0.79	0.772

YOLO v7

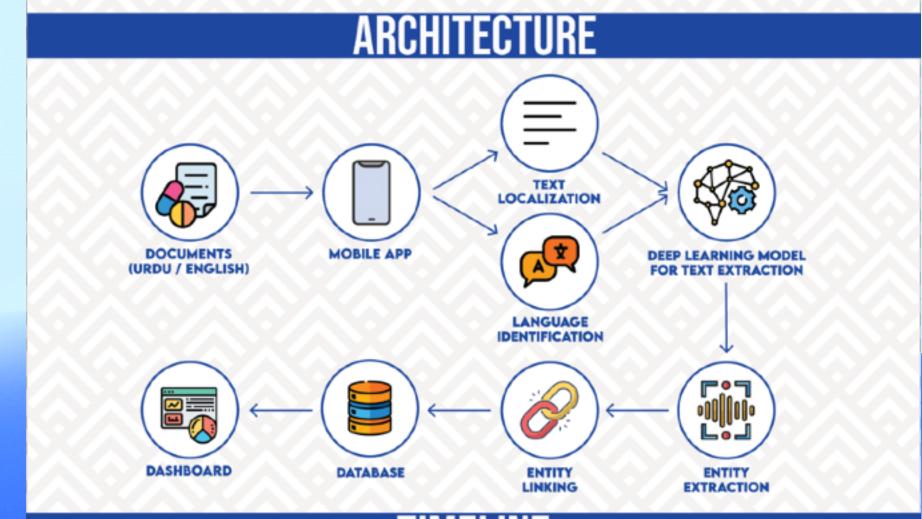
Class	Images	Labels	Precision	Recall
all	72	1557	0.836	0.777
English	72	1501	0.893	0.869
Urdu	72	56	0.779	0.799

POSTER

DOCIGIZE

AUTOMATIC DIGITIZATION OF HAND WRITTEN BILINGUAL DOCUMENTS (MEDICAL PRESCRIPTION AS A CASE STUDY)

AN AUTOMATED SOLUTION TO DIGITIZE BILINGUAL HANDWRITTEN UNSTRUCTURED DOCUMENTS TO EXTRACT MEANINGFUL DATA.



SEP - OCT

- INITIAL RESEARCH + LITERATURE REVIEW
- DATA GATHERING / LABELING / ANNOTATION
- TEXT DETECTION TECHNIQUES

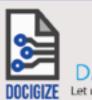
JAN - MAR

- COMPLETE WEB APPLICATION
- IMPROVING TEXT EXTRACTION MODULE
- COMPLETE ANDROID APPLICATION RESEARCH PAPER WRITING

- NOV DEC
- LITERATURE REVIEW TRAINING TEXT EX-TRACTION MODELS
- IMPROVING TEXT DETECTION TECHNIQUES CREATING FRONTEND AND BACKEND (INITIAL)
 - APR MAY
- FINALIZING RESEARCH PAPER • TESTING ADDITIONAL TECHNIQUES
- OPTIMIZATION
- DEPLOYING OUR APPLICATION









TEAM DANIYAL SHAIQ (119-1794) ALI KAMAL (119-1865) DATA INSIGHT | MUSA DILDAR AHMED CHEEMA (119-1765)

SUPERVISOR DR. MUHAMMAD ASIF NAEEM