#	Activities	Q1/Y1			Q2/Y1			Q3/Y1			Q4/Y1			Q1/Y2			Q2/Y2			Q3/Y2			Q4/Y2			Remarks
																										Month in the 2-year project
1	i) Design data schema/DB for GOTO data	▓	▓	▓																						Development of data storage and retrieval mechanism (1 M.Sc. with Thai/UK supervisors)
	ii) Design user-defined queries				▓	▓	▓																			
	iii) UK visit to establish GOTO UK PostgreSQL database				▓	▓	▓ X																			
	iii) Establish PostgreSQL mirror database at NARIT							▓	▓	▓	▓ C X															
	iv) Establish HDFS GOTO database													▓	▓	▓	▓	▓	▓	▓	▓	▓ C X				
	v) Test and compare HDFS vs. PostgreSQL databases.																▓	▓	▓	▓	▓	▓	▓	▓	▓ J X	
2	i) Assess imbalance classification models with real GOTO data	▓	▓	▓	▓	▓	▓ C	▓	▓	▓	▓ J X															Development of ML models for data classification (2 M.Sc. and 1 Ph.D. with Thai/UK supervisors)
	ii) Pixel based classification modelling							▓	▓	▓	▓	▓	▓	▓	▓	▓	▓	▓ C	▓	▓	▓	▓	▓	▓	▓ J X	
3	Workshops							▓												▓						For NARIT staff & the public
4	i) Progress meeting via tele-conference	▓	▓	▓	▓	▓	▓	▓	▓	▓	▓	▓	▓	▓	▓	▓	▓	▓	▓	▓	▓	▓	▓	▓	▓	With both teams
	ii) Team meeting						▓						▓						▓						▓	

Anticipated output

C = publication in an international peer-reviewed conference (possibly extended to journal)

J = publication in an international peer-reviewed journal

X = system/software prototype