



Final Year Project Showcase Batch-2017 Year 2021

Department: Computer & Information Systems Engineering		
Programme: Computer & Information Systems Engineering		
1	Project Idea	To mitigate catastrophic forgetting for zero-shot cross Lingval transfer
2	Process	We conducted through literatce review, experiments, ablation studies
3	Outcome	We has 3 tasks: PAWS-X, XNLI, Multi Atis++. Improvements in performance were observed.
4	Evidence (Theoretical Basis)	Average improvements – PAWS-X(6%) XNLI (5%) Multi Atis ++ (14.4%)
5	Competitive Advantage or Unique Selling Proposition (Cost Reduction, Process improvement, Attainment of any SDG (Sustainable Development Goal), increase of market share or capturing new market or having superior performance over a competitor. In summary, any striking aspect of the project that compels the industry to invest in FYP or purchase it. Some detailed description is required in terms of how, why when what. You can select one or more from the following dropdown and delete the rest of them). Please keep relevant options, delete the rest of them, and correct the sequence	
b	Process Improvement which Leads to Superior Product or Cost Reduction, Efficiency Improvement of the Whole Process (e.g. What is the issue is current process and what improvement you suggests)	We shortlisted techniques which do not require retaining of language model which consumes image amount of resources.
c	Attainment of any SDG (e.g. How it is achieved and why it is necessary for the region)	SDG 9 – Industry Innovation and Infrastructure
d	Expanding of Market share (e.g. how it expand and what is the problem with the current market)	We could expand it by targetelting techniques which require retraining.
e	Capture New Market (e.g. Niche market or unaddressed segment)	We capture new market because we are working in Natural Language processing domain.
6	Target Market (Industries, Groups, Individuals, Families, Students, etc) Please provide some detail about the end-user of the product, process, or service	<ol style="list-style-type: none"> 1. Goal oriented dialogue systems 2. Multi-lingual systems 3. Plagiarism detection
7	Team Members (Names & Roll No.)	Safiya Mehmood CS-17006 Fatima Azim CS-17013 Husun Bano CS-17015
8	Supervisor Name	Prof. Dr. Muhammad Ali Ismail
9	Supervisor Email Address	maismail@neduet.edu.pk
10	Pictures (If any)	NA
11	Video (If any)	NA