



Final Year Project Showcase for Batch-2016

Department of Mathematics Computational Finance Programme		
1	Project Idea	Robo advisors (RA's) are technology-based investment platforms that offer fully automated online investing.
2	Process	<ul style="list-style-type: none"><input type="checkbox"/> Creating an Investor Profile Questionnaire<input type="checkbox"/> Identifying the type of Investor<input type="checkbox"/> Classifying mutual funds<input type="checkbox"/> Using models for evaluation of mutual funds<input type="checkbox"/> build up a web page that will assist investors with guiding which mutual funds scheme is appropriate for him depend on his profile.
3	Outcome	The end result will be a detailed profile about the investor with the constructed financial portfolio according to its objective.
4	Target Market (Customer)	<p>The target market are the two kind of mutual fund investors here:</p> <ul style="list-style-type: none">Do not have sufficient knowledge about investment but want to invest.Those who want to invest in mutual fund but with their opinion also.
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 competitor. In summary, any striking aspect of the project which compels industry to invest in FYP or purchase it. Some detail description is required in terms of how, why when what. You can select one or more from following dropdown and delete rest of them)	
a	Cost reduction of existing Product	Will be less expensive as compared to human advisors.
b	Process Improvement which leads to superior product or cost reduction, efficiency improvement of whole process (e.g. What is issue is current process and what improvement you suggests)	Robo Advisor (RA) services can be offered at much lower costs in comparison with traditional human advisors. At the same time, they can deliver approximately the same returns on investments as traditional advisors.
c	Expanding of Market share (e.g. how it expand and what is problem with current market)	RA's are based on algorithmic work. Human advisors are biased and sometimes less efficient than Robo Advisors.
d	Capture new market (e.g. Niche market or unaddressed segment)	It is creating a new market in Pakistan since few starts-up have initialize working on RA's.
6	Team Members (Names & Roll No.)	Quamber Naqvi (CF-037), Fareed Khan (CF-042), Ruba Khan (CF-301), Muhammad Owais (CF-039)
7	Supervisor Name	Samiullah Qureshi (samiaerc@neduet.edu.pk)