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UTU I-HUB

Proforma:UTU-I-Hub_2.0

InnovationAssessment

CaseBriefIncubationApproval

Authors

Reviewers

Note:Thisdocumentisprimarilyaimedatbuildingastrongcase for any Innovative Solution to be considered worthy as a Candidate for Product Innovation Grants offered by UTU I-HUB. It is expected that this document shall be iteratively Compiled with within from the Innovator /Startup, opinions and commentary received from domain/technology experts, and others as may be relevant.

1. ProblemScenario

1. Describetheproblemscenarios, use-cases, along withproper profiling of the primarybeneficiaries/users.

2. Describe briefly the various constraints related to adoption, usability, deployment, integration, costs, resources, etc.

3. Description of currentsolutions availableand/or methods adopted alongwith arigorousanalysisof the

ProblemSignificance(Necessity,Severity&Incidence)

1. Highlight using data/insights the nature of problem significance with a consolidated rating as being Low- Medium-High-Critical.

2. Summarisebrieflythekeyfacts, insights,expert opinion,etc. relatingtonecessity, severity,andincidence of the problem.

2. SolutionRequirements

Describe clearly the most critical requirements to be mandatorily considered in the rigorous validation of the overallviabilityofthesolutionandasmayberelevantinthecontextofthespecificproblemscenario,relating to:

a. Theminimumsetoffeaturesandscopeofproductfunctionality.
b. PilotProduction-minimumvolumesforend –user validation andtrials.
c. Manufacturability&Assemblyconstraints
d. Deliverablesrequiredforcompletionofproceduresrelatingto end usertesting, field / clinicaltrials, deployment, integration, etc.
e. Standards,asmayberelevantandapplicable.
f. Scaling updistribution,logistics,productlifecycle support,service&spares.
g. Othersspecifictothegivenproblemscenarioanditsrespectivedesiredsolution.

3. Concept&Design

1. Explainthe concept ofthesolutionhighlightingthemostcriticalfeaturesandfunctionalitiestobe developed.
2. Highlighttheuniquedesignconsiderationstomakethesolution:
   a. Usableordeployable,easytoadopt,integrateordeploy
   b. Readyto be scaledup in a cost-effectivemannerwithoutany compromiseon quality
3. Briefly describe the core technology developed or applied in the solution, and highlight

its inherent advantagesinthespecificcontextofsolvingthisproblemwhencomparedtoexistingsolutions. Highlight howtheuniquecapabilitiesofthetechnologycantranslateintotangiblebenefits,measurableg ainsand alsopositivelyimpactthecost,time-to-market,usability,performance,andscalabilityaspectsofthe solution.

4. ValueProposition

a. Innovation Advantages

b. ProductAdvantages

c. CommercialAdvantages

5. Summary Assessment of the Case for Innovation Grant & Product Acceleration

a) (Eachofthesequestionstoberespondedtowith answer Yes/No,alongwithabriefsummaryoftherationale behind the decision.)

b) Isthisproblemarisingoutofshortageofsupplyofexistingsolutions,whichareproventobeunviablefor scaling up manufacturing, service, distribution, etc.?

c) Isthereaclearcaseforundertakingthedesign,development,andtrialsofaninnovativetechnology based solution?

d) Is thenatureof theinnovativesolution aminor/incremental variantoftheexisting solutions?

e) Isthisproposedinnovativesolutionlikelytopasstrials,certificationinatimelymannerafteranaccelerated phase of development, testing and pilot production?

f) Isthedevelopmentscheduleandmilestonespointingtoacceptable Time-To-Marketprojections?

g) Isthedesignsuitableforscalingupmanufacturing,distribution,andlifecycleproductsupport?

h) Istheresponsibilityofcoretechnologyoranewproductcategoryemergingfromthis innovative solution with huge potential for applications?

6. MVP(Pilot)DevelopmentPlan&Budget

ProductDevelopmentPlan

Milestones#	Deliverables	Outcomes	Time Period (Weeks)	Funds required (INR)	Source of Funds
Milestone#1					
Milestone#2					
Milestone#3					

TotalDuration (in weeks):

ProductDevelopmentBudgetTemplate

#	CostCategory	CostHeads	ProductDevelopmentBudget
1	Direct Costs (PrimeCosts)	PrototypingResources/Materials	
2		Design/ManufacturingCosts(PilotScale)	
3		Testing/CertificationCosts	
4		Professional Services Fees (Technical Experts/Specialists)	
5		Miscellaneous (DesignandDevelopment)	
6	PrimaryOverheads	FieldVisits(Travel+Others)	
7		IPRFees&Costs	
8		Contingencies&Overruns	
9		BusinessDevelopment (Travel+Registration/BoothCharges)	
	TotalProductDevelopmentBudget		

7. Dependencies

Describe in detail the various critical dependencies in terms of human resources, access to resources or

capacity,facilities,andinfrastructure,etc.exceptfinancialsupport,whichisverycrucialtoavoidany significant adverse effect on the realization of the proposed MVP.

8. Risks&Challenges

Describethemostcriticalrisksrelatedtoanyorallofthefollowingaspects,asmayberelevantandapplicable to the selection of this proposal for Innovation Grant / Admission in UTU I-Hub:

a. Technicalfeasibility-Productpilotsstatesthefeasibilityofproducttechnicallyandmedically
b. CapabilityofTeam/Partners-Multidisciplinaryteamwithrightexperienceintherelevantfield
c. Viabilityofproductdevelopmentplanandbudget-
d. Competitivethreatsandmarketbarriers
e. Commercialexecution

Name and Signature of Applicant(s) with Date