Project Design Phase-I
Solution Fit

Date	18 October 2022
Team ID	PNT2022TMID43271
Project Name	AI based discourse for Banking Industry
Maximum Marks	8 Marks

IT NPI: 3 - Design Phase

Entry Criteria: - Key Inputs	Design Phase: Owner: IT-BSA Complete solution design with clearly documented specifications and schematics. Prototyping, POC occurs to confirm design meets requirements.	Exit Criteria: - Key Deliverables
1. Final, detailed project plan, ROI, budget 2. Signed off BRD 3. Preliminary functional design and AS-IS/TO-BE process flows complete 4. Initial infrastructure assessment 5. Build vs. Buy decision	1. New business process documentation and review 2. Use case/testing strategy 3. Fit/Gap analysis 4. Functional and technical spec documentation 5. Functional and technical design reviews 6. Dev environment set up 7. SOX controls impact assessment 8. IT architecture review	1. Functional & Technical Design Specifications 2. Design review and sign off by business 3. IT architectural approval 4. SOX controls approval 5. Testing plans/business use cases 6. Infrastructure plan

Phase flow: 1-Discovery → 2-Analysis → 3-Design → 4-Develop → 5-Test → 6-Deploy → 7-Support & Sustain

Specification Number	Importance	Source (PRP, interview, etC)	Specification (Metric)	Unit of Measure	Target Value	Expected Date of Completion	Comments/Status	Link to plan	Concluded Condition
S1	9	interview	Create Droplet	Micro Liters	1± 5%	Week 4	Can be tested with S9	Link to S1 plan	
S2	3	PRP	Controlled Temperature Range	°C	5-25	Week 7		Link to S2 plan	
S3	3	PRP	Humidity Display Accuracy	% RH	+/-5%	Week 7		Link to S3 plan	
S4	3	interview	Temperature Display Accuracy	°C	+/-1	Week 7		Link to S4 plan	
S5	3	PRP	Maximum Test Set-Up Time	Minutes	10	Week 11		Link to S5 plan	
S6	9	interview	Safety Latch Functionality	On/Off	On	Week 10	Dependent on controls	Link to S6 plan	
S7	9	FD	Ability to View Under Microscope	Yes/No	Yes	Week 5		Link to S7 plan	
S8	9	FD	Ability to View Under Camera	Yes/No	Yes	Week 5		Link to S8 plan	
S9	9	DR	Evaporation After 30 Min	% Volume	<5%	Week 4	Requires S2 Completion	Link to S9 plan	

KEY for Concluded condition

X	Does not meet expectation
Δ	Caution-Undetermined if specification is met
O	Meets specification