

Criteria	Combined Marks	Components	Criteria Considerations	Maximum marks	Evaluation	Additional Comment
Solution Experience	25	Previous experience	<p>The applicant's experience with projects based on:</p> <ol style="list-style-type: none"> <li>1. Building and successfully deploying facial biometric solution(s)/application(s)? (60%)</li> <li>2. Building and successfully deploying biometric solution(s)/application(s) (40%)</li> </ol>	10	<p>If the applicant has at least 2 relevant projects, 100% of the maximum marks will be given. If one relevant project, 70% of maximum marks will be awarded</p>	<p>Any biometric experience with the use of relevant modality algorithm can be considered as valid experience. However, the DYCE will use Facial biometrics.</p>
		Multi stakeholder application	The applicant to share experience with building and successfully offering SDKs that integrates with at least two different applications	5		
		Identity management	The applicant's experience of building and successfully deploying solution(s) with identity management in line with ISO/IEC 27701	5		
		Blockchain	The applicant's experience of building and successfully deploying solution(s) with distributed ledger system or blockchain	5		
Technical Solution	40	Security	<p>Whether the applicant has:</p> <ol style="list-style-type: none"> <li>1. Built the solution keeping self sovereign identity, W3C standards, DID protocols and Block chain (not storing data but public keys) in mind? Please add the details in the presentation/technical details link.</li> <li>2. Built the solution based on Peer to Peer distributed data sharing ecosystem. Please add this in the presentation/technical details link.</li> <li>3. Protection against various attacks, data protection, access mechanism, protection,</li> </ol>	5	<p>50% of the maximum marks allotted to (1) and (2). Full marks awarded if the solution is found compliant. None if it is not.</p>	

		detection and action and recovery scenarios			
		Accept/reject rate: Total Acceptance Rate (TAR) @ 0.001 False Accept Rate (FAR) of your face recognition model.	7.5		A TAR of 95% and above will get 100% of the marks. Proportion ate marks will be awarded for TAR under 95%
		Following ISO/IEC JTC 1/SC 37 standards	2.5		Full marks to be awarded if compliant. 0 if not compliant
	Biometric evaluation	<p>Number of evaluations/matches per second based on hosting service of choice.</p> <p>Please note that testing will be done on a pre-defined hosting environment and log files will need to be shared. Details will be shared with eligible applicants</p>	7.5		A match/second of 75,000 will get 100% of the maximum marks. Proportion ate marks will be awarded for match/second less than 75000

		Integration/Interoperability	Does the solution interact with AADHAAR and Drivers licence database (based on biometric evaluation criteria)? (Solution to be aligned to the IATA Travel Pass solution for global interoperability especially for International passenger travel)	5	Full marks to be awarded if compliant. 0 if not compliant	For building the prototype, demonstrating the solution, a simulation should be sufficient
		Demo	Applicants are expected to give a presentation and a demo of the solution based on the challenge document/page. The same will be evaluated by an expert committee	12.5	Demo will be evaluated by an expert committee based on understanding of the problem statement, robustness, reliability and scalability of the solution	For building the prototype, demonstrating the solution, distributed ledger functionality may not be demonstrated. Distributed Ledger may be deployed for MVP
Data privacy	15	Has the solution been thought through with privacy by design as solution tenets?	Data privacy and compliance to current national IT Act and data protection act.	5	Full marks to be awarded if compliant. 0 if not compliant	Please refer to the Digi Yatra Vision and process DYCE Challenge-MVP scope Quick reference Guide for additional details on expectations and scope
			Is the solution ISO/IEC 27701 compliant?	5	Full marks to be awarded if compliant. 0 if not compliant	

			Can the solution be compliant with GDPR requirements?	5	Full marks to be awarded if compliant. 0 if not compliant
Solution delivery	20	Timelines	Can the start-up demonstrate that they can build the solution within a 12 week timeline? Please give us a Gantt chart of your build timeline/plan.	5	Full marks to be awarded if start-up is able to meet the timeline
		UX/UI	Is the start-up focussing on user experience by designing easy-to-navigate software? If yes are the following items addressed (a) user research, (b) iteration, (c) usability testing, (d) monitoring metrics	10	User experience to be evaluated by an expert team based on the process followed by the applicant. Criteria include user research, iteration, usability testing, monitoring metrics.
		Ability to scale horizontally	Does the architecture allow for modular development to scale (Start up to share related examples of how additional features could be incorporated)? Does application solution demonstrate high availability and fault tolerance capabilities	5	Full marks to be awarded if the architecture allows scaling. 0 if it does not
<b>Weighted Scores</b>	<b>100</b>			<b>100</b>	

**\*The expert committee reserves the right to update the criteria**