

Risk assessment table (version 0.2) - Created at the end of the project

Risk assessment (0.2)	Likelihood of occurrence	Impact if occurring	Severity	Potential Mitigation	What to do if occurred	Responsibility
Fake verification	Medium (depends on professionals present)	High (lose credibility)	High	Multiple steps verification, At least 3 professionals have to confirm	Immediately clarify, grace period before acceptance	Provider / Biologist
Fake professionals	Medium	High (lose credibility)	High	Upload studies, diplomas, courses	Ban fake professional users	Provider
DDOS and other attacks	High	High (loss of data, service down)	High	3rd party security as extra	Backups and scalable hosts for extra performance	Provider
Risky discoveries due to covid restrictions	High	Medium (government fine? Financial loss?)	Medium	Inform users of current rules and regulations	Request more information, Provide a relevant government guidelines leaflet (email template)	Provider / Explorers
Fake discoveries	Medium	High (lose credibility)	High	Same as fake verification	Grace period	Provider / Explorers / Biologists
Low quality images	Low	Low (difficult to verify discovery)	Low	Minimum criteria on image upload, Clearly communicate this to users	Request new image, Verification pending until fulfilled, Cannot accept due to risk of fake verification	Explorers
Unprofessional - Offensive naming	High	High (request renaming from official bodies)	High	Review naming before submitting to official bodies	Request re-naming ASAP, Remove species until name change completed (especially if offensive)	Explorers
Server issues - Data loss	Medium	Medium (potential to lose important scientific discoveries) (since images uploaded from explorers devices, likelihood of personal back ups is high)	High	Premium services to ensure server stability Frequent back ups Request explorers to keep images and important data	Contact service provider / explorers ASAP, Roll-back server before loss occurred, Restore server from most recent back-up	Provider
Important personal data leaking / stolen	Medium	High (biologists are expected to upload sensitive information in the form of qualifications)	High	3rd party security Only accept personal info through secure channels (encrypted?) 24/7 3rd party (or local) security to monitor activity	Immediately suspend services to prevent further data loss, Fix weaknesses and exploits before resuming services,	Provider