

Summary Report

Digital Security in Hospital Applications

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THREAT CHECKLIST

Sr.no	Threat Example	Risk Category	Mitigation Solution
1	No access control to patient/doctor records	No access control to patient/doctor records	No access control to patient/doctor records
2	Public API exposes patient data	Public API exposes patient data	Public API exposes patient data
3	Unencrypted login credentials	Unencrypted login credentials	Unencrypted login credentials
4	Patient records stored in plain text	Data at Rest	AES-256 encryption
5	Weak passwords without rules	Weak passwords without rules	Weak passwords without rules
6	No session timeout or idle logout	No session timeout or idle logout	No session timeout or idle logout
7	No audit logging for access to health records	No audit logging for access to health records	No audit logging for access to health records
8	No backup of critical data	No backup of critical data	No backup of critical data
9	Cloud data not protected from internal threats	Cloud data not protected from internal threats	Cloud data not protected from internal threats
10	Cloud data not protected from internal threats	Cloud Security	Fine-grained access + key rotation