**S3 Prelim Revision**

Topics to revise:

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| **Hardware** | * Input Devices * Output Devices * Interfaces |
| **Biometrics** | * Fingerprint recognition * Palm print recognition * Face recognition * Retina scanning |
| **Databases** | * Fields & Records * Primary Key and Foreign Key * Splitting a one table into two tables * Anomalies: Insert, Update, Delete * Sorting a table: Ascending and Descending |
| **Security Risks** | * Phishing * Keylogging |
| **Security Precautions** | * Passwords * Encryption |
| **Memory** | * RAM * ROM |
| **Laws** | * Copyright, Designs & Patents Act * Data Protection Act * Computer Misuse Act * Communications Act * Health & Safety |
| **Computer Structure diagram** | * Input Devices * Output Devices * Main Memory * Backing Storage * Central Processing Unit (CPU) |
| **Processor** | * Control Unit * Arithmetic & Logic Unit * Registers * Dual-core * Quad-core * Speed |
| **Buses** | * Address Bus * Data Bus |
| **Storage Devices** | * Magnetic * Optical |