* Separating data management from presentation is a good way to improve efficiency
* Web is a good way to present information
* Databases are established technology for managing large amounts of data
* DBSM – Database management system enables creating and maintaining databases
* Relational databases organises data into tables
* Filesystem databases are structured and simple, however hard to get data and no consistency checks
* Heirarchal databases have parent-child relationships. Has consistency checks
* Relational databases have data in tables, consistency and relations checks, relations are set through queries. They allow mathematical models
* NoSQL databases are fast and flexible, however a lot of work has to be done in code
* Relational databases are used for organisation extensibikity accuary flexibility collaboration, trust and security
* An attribute must swpwns on entity key alone, must contain information that we explicitly need , must have same data type for all entity occurrences
* Primary keys should not be “Intelligent” meaning they should not describe properties of the entity