

Yaconz HR db tables.

Authentication (username {PK,FK}, password, roles, staffNo {FK})

PersonalDetails (username {PK,FK}, staffNo, surname, name, dob, address, town, postCode, telNo, mobNo, contact, contactNo)

AnnualReview (reviewID {PK}, staffNo {FK}, name, supervisor, secondReviewer, section, jobTitle, recommendation, modifiable)

Note: AnnualReview missing: "review of past performance: achievements and objectives"

- "Performance summary"
- "A preview of future performance: goals/planned actions"
- "Reviewer comments"
- "Reviewee signature" + Date
- "Manager supervisor signature + Date"
- "Second reviewer signature" + Date.

Note: Consider EmployeeDetails table  
↳ stores staffNo {PK}, username, supervisor, section, jobTitle, status (normal/on probation/terminated)

Note: Consider Review table (PK {reviewID}, reviewNo), stores "review of past performance"

Consider "Roles" table? Roles (username {PK,FK}, role {PK}).

EmployeeDetails (staffNo {PK}, username, supervisor, section, jobTitle, status)

Consider removing staffNo from Authentication, and making username unique in details.

- PastPerformance (reviewID {PK,FK}, no {PK}, objective, achievement)

- PerformanceSummary (reviewID {PK,FK}, no {PK}, content)

- FutureGoals (reviewID {PK,FK}, goalNo {PK}, content)

- reviewComments (reviewID {PK,FK}, commentNo {PK}, content)

↳ "number" field so that summary can be of arbitrary length, just add more rows.

or just varchar in status field in emp details.

- Section (sectionID {PK}, sectionName)

- Status (statusID {PK}, status)  
(Enums not in SQLite)

(Revised)

- AnnualReview (reviewID {PK}, staffNo {FK}, name, supervisor, secondReviewer, section, jobTitle, recommendation, revieweeSigned, supervisorSigned, secondReviewerSigned, modifiable).

- Note: name, supervisor, section, jobTitle should be copied from EmployeeDetails, but not updated if details are updated.  
(eg. an employee may be promoted, but their past reviews should remain the same)

- Q. for Miles:

If an annual review is amended after a participant has signed off on it, should that review participant need to sign off again on the amended version?  
↳ (Model by resetting 3 "signed" flags to null.)

- Note: revieweeSigned, supervisorSigned and secondReviewerSigned should be either NULL (if not signed) or a DATE (date it was signed).

- Note: password field length should be == to the length of the hashed pw.

Authentication SQL statement.

- CREATE TABLE Authentication (  
username VARCHAR(6) PRIMARY KEY,  
password VARCHAR(  
roles VARCHAR(6)

Consider {FK} to EmployeeDetails.

Consider putting roles in EmployeeDetails.

);  
- CREATE TABLE EmployeeDetails (  
staffNo VARCHAR(  
username VARCHAR(6)  
supervisor VARCHAR(6)  
section VARCHAR(20)  
jobTitle VARCHAR(20)  
status

## SQLite questions

1. Is it possible to make a row or table non-modifiable in SQLite?
2. What's a good length for a "content" field?  
↳ (Arbitrary-length string, may be paragraphs?)

- Consider TEXT in SQL.

## Q. Miles

1. Are username and staff number the same?  
↳ "abc123" vs whatever's in Annual Reviews.
2. Amend Annual Review after someone's signed off → that person needs to sign off on the latest version.

## Minutes + Worklog.

### Tasks

- Update Worklog
  - "Extended until [Friday]" (DB)
  - Git Files being moved → "Seen as non-critical, extended until end of the week".
- Marin: Research functionality of SQLite. (Deadline Tue)
- Nick: Update Logger branch so code uses Logger now.
- Jamie: Update database branch (include SQL statements & ensure it uses DBcontroller instead of ...)

Marin requested amendment: "Nick can't follow me home anymore".