DMS 2016 Assignment 2: Reserve Portal

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SETUP DATABASE:

See `DMSass2Diagram.pdf` in the `database` folder.

There are three tables in the database, originally built & run on Aziel's home server.
`perm_emp`
`reserve_emp`
`requests`

Inside the `database` folder are the following SQL files;
`dmsass2Dump.sql` contains the table details, and
`perm_emp_data.sql` & `reserve_emp_data.sql` will populate the required data.

SETUP PROJECTS

See `MVC_Diagram.pdf` and `SiteFlowDiagram.pdf`

Tho code contains 4 projects:

EJBRemoteInterfaces	—>	The EJB Remote interfaces
RemPort-EJB-EntApp	—>	The entity app holding the EJB Session bean module
ReservePortal	—>	The web application
ReservePortalLibrary	—>	A library of session beans

CONCEPT

See `UserManual.pdf`

Need 1:
"I am an employee. I can't work today because I am ill, but I have to arrange a replacement. The printout of reserves is long, and I am only allowed to choose one who will travel to my office and is available to work today. If only there was a website where this information was presented to me, the filters set specifically for my situation…"

Need 2:
"I am a reservist. I have just about had enough of people calling me to fill in for them when I have already accepted a job, or am otherwise unavailable today."

Need 3:
"I am a manager. I need to know who isn't going to be working today, and who is filling in for them.

Solution:
One website, three portals. Log in, request a reserve, accept a job, keep an eye on everybody.