Task: Payroll system

Consider: Number of staff, number of hours per staff, pay rates, staff seniority

Team member types: Junior, Senior, Contracted

Types of pay: Per hour, salaried, commissioned

Problems to fix: Overbudgeting projects typically 10% to 35% higher

**Outputs**

* **Total number of staff on the payroll**
* **Total amount of salary to the senior staff**
* **Total salary for the salaried staff**
* **Total wages for the contract staff**
* **Total payroll bill**
* **Minimum and maximum (10% and 35%) extra cost for delays**

**Prepopulate a staff list**

**Design**

**HR Login Page**

“Welcome to the login page”

Login

Forgot Password

Register

**Login Page**

“Please enter your username and Password”

“Username”: “”

“Password”: “”

**Forgot Password**

“Please enter your username and secret answer for confirmation”

“Enter your username”: “”

“Secret Question?” : ”Secret Answer”

**Confirmed Reset Password**

“Hello” username

“Enter password”

“Confirm password”

**Register**

“Enter Username”

“Enter Password”

“Confirm Password”

“Choose Secret Question”

1: “What is your dream country to live in?”

2: “What is your favourite colour?”

3: “What is your favourite game?”

“Enter number of choice: ”

“What is your answer?”

**HR project Management Page**

“Welcome to the project management page”

“What would you like to do?”

“View Staff on project List”

“Update Staff List”

“Total Cost of Employees”

“View projects”

**View Full Staff List Page**

“This is the details of staff in the company”

Staff ID – First Name – Last Name - Grade - Department – Current Project – Type of Staff – Yearly Pay

000000 – John – Apple - Contracted – Developer – FortDay – Contracted - £20000

000001 – Samantha – Green - Junior – Analyst – MeTube – Salaried - £30000

233567 – Javir – Santiago - Senior – Research – ArachnidBoy – Salaried - £40000

723432 – Claire – Helio - Contracted – Marketing – WhosApp – Contracted – £25000

Grade

* Junior
* Senior
* Contracted

Project List

* FortDay
* MeTube
* ArachnidBoy
* WhosApp
* Macrosoft Play

Department List

* Research
* Developer
* Analyst
* Marketing

**Update Full Staff List Page**

“Add staff”

“Remove staff”

“Update Staff Detail”