# Data Model: Timesheet Schema

Produce a Hand-drawn ERD for the following:

We want to track trainees and the time they spend studying. Each week a trainee will submit a timesheet. During a week, a trainee might spend time working on a number of different topics. (A trainee might study more than one topic DURING THE SAME DAY but we want to summarize each week and store the total number of hours spent on each topic during each week). When a timesheet is handed in, the trainee and a staff member (could be anyone) sign the timesheet. We want to track who signed the timesheet in the database.

Other information to track:

* Level each trainee reaches in each topic. Instructors will subjectively rate student performance as “Basic”, “Intermediate”, or “Advanced”.
* Trainee track. Each trainee is assigned to one (and only one) track. Currently the tracks are PMO, App Support, JAVA, and C#. Each track requires studying of a number of topics. There are also some core topics such as ProSkills, UNIX, and SQL that are studied by all tracks.

Example Timesheet:

|  |  |  |  |
| --- | --- | --- | --- |
| Name: Richard Dawson | | | Period Ending: 6-19-2013 |
| Track: App Support | | |  |
| Day | Date | Hours | Remarks |
| Monday | 6/13/11 | 8 | 4 hours Pro Skills; 4 hour UNIX |
| Tuesday | 6/14 | 8 | 8 hours VBA |
| Wednesday | 6/15 | 8 | 8 hours UNIX |
| Thursday | 6/16 | 8 | 6 hours UNIX, 2 h presentation skills |
| Friday | 6/17 | 8 | 8 hour UNIX |
| Saturday | 6/18 | 5 | 5 hours UNIX project |
| Sunday | 6/19 | 4 | 4 hours UNIX project |
| Trainee Signature: Ricky D. | | | Staff Signature: |