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| R01 | User (id, e-mail NN UK, full\_name, password NN, profile\_pic, URL NN UK, username NN UK) |
| R02 | Project (id, description, end\_date **CK** end\_date > start\_date, name **NN**, privacy, start\_date **NN**, state, id\_coordinator→user) |
| R03 | Board (id, description, name **NN**, id\_project → project, id\_creator →user) |
| R04 | Task (id, budget, deadline **NN**, description, name **NN**, progress **CK** 0 ≤ progress ≤ 100, state, id\_creator→user, id\_board→board) |
| R05 | Meeting (id, date **NN CK** date > today, name, place, id\_board →board) |
| R06 | Comment (id, comment **NN**, date **NN**, id\_task → task, id\_commenter→user) |
| R07 | File (id, description, path **NN**, publish\_date **NN**, id\_task → task, id\_user → user) |
| R08 | Notification (id, date **NN**, notification **NN**, state, id\_notified → user) |
| R09 | Progress\_update (id, date **NN**, new\_value **CK** 0 ≤ new\_value ≤ 100, id\_task → task, id\_user → user) |
| R10 | Message (id, date **NN**, message **NN**, id\_project → project, id\_user → user) |
| R11 | Project\_team (id\_project→ project, id\_worker → user) |
| R12 | Board\_team (id\_board→ project, id\_worker → user) |
| R13 | Profile\_picture(id\_image,id\_user, path **UK**) |
| R14 | Project\_picture(id\_image,id\_project, path **UK**) |
| R15 | Personal\_event(id, date, name, place, id\_user) |
| R16 | Meeting(id, date, name, place, id\_board) |
| R17 | Contact(id\_user, id\_contact) |

**A5 – Relational schema, validation and schema refinement**

1. **Relational Schema**
2. **Domains**

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