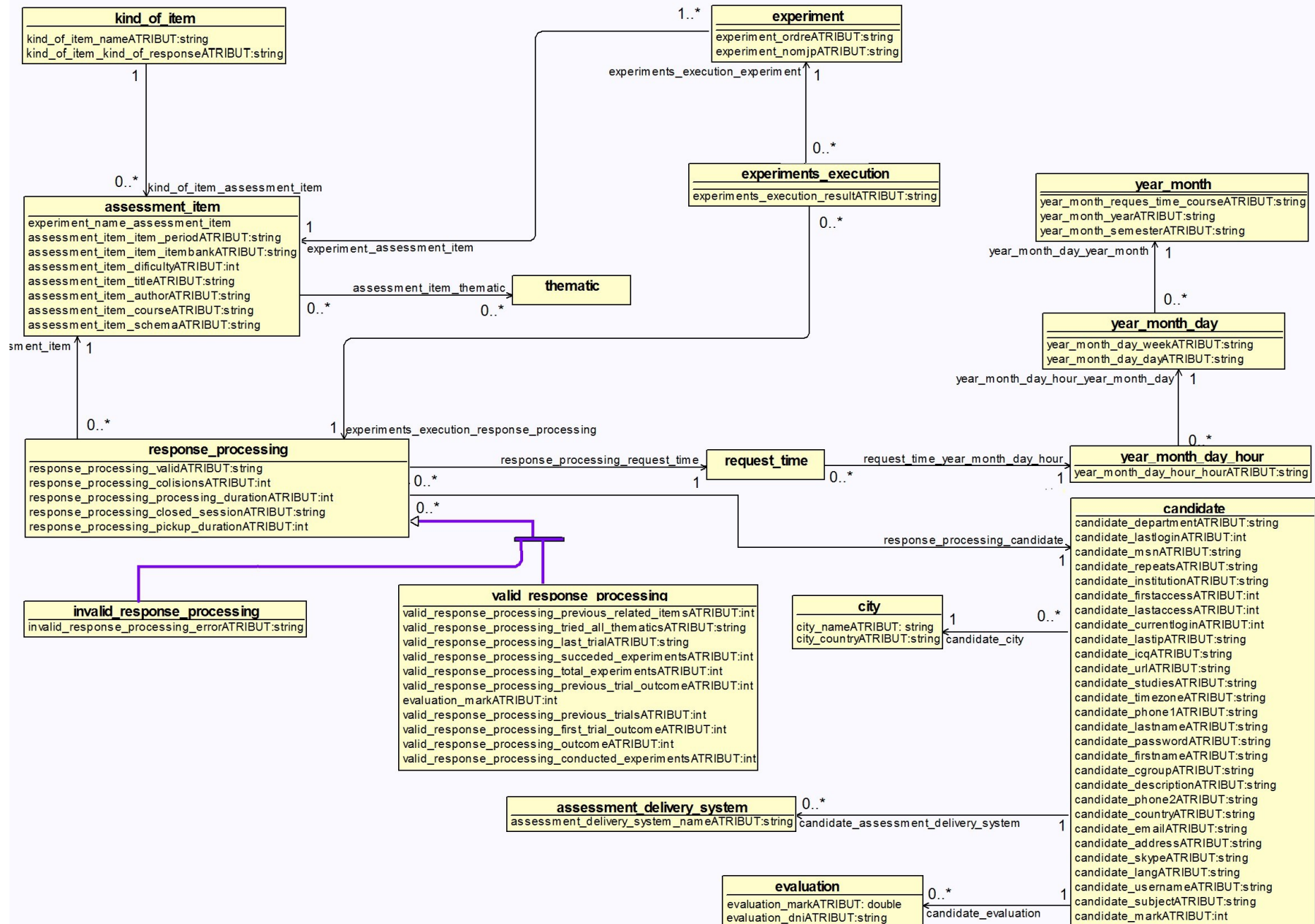


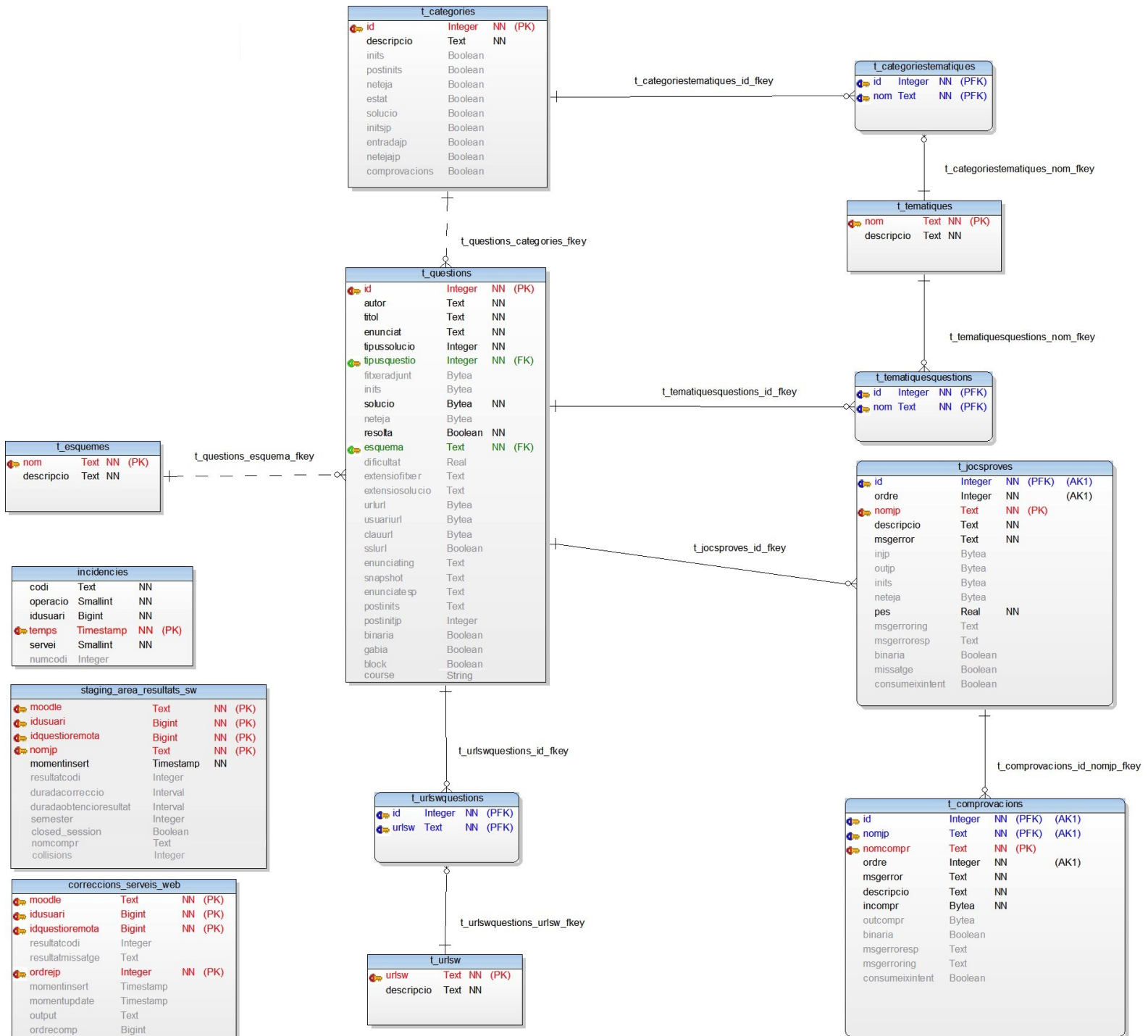
Appendix I

Diagrammatic/schematic representation of the Learn-SQL system internals.

1) Diagrammatic representation of learn-SQL ontology which captures the Learn-SQL tool conceptual model



2) Moodle DB schema (IE notation), which captures the PostgreSQL database schema



3) Candidate's information in XML format, which is provided by Moodle

```
<mdl_user>
  <row>
    <id ></id>
    <auth> </auth>
    <confirmed></confirmed>
    <policyagreed></policyagreed>
    <deleted></deleted>
    <mnethostid></mnethostid>
    <username> </username>
    <password></password>
    <idnumber></idnumber>
    <firstname></firstname>
    <lastname></lastname>
    <email></email>
    <emailstop></emailstop>
    <icq></icq>
    <skype></skype>
    <yahoo></yahoo>
    <aim></aim>
    <msn></msn>
    <phone1></phone1>
    <phone2></phone2>
    <institution></institution>
    <group></group>
    <address></address>
    <city></city>
    <country></country>
    <lang> </lang>
    <theme></theme>
    <timezone></timezone>
    <firstaccess></firstaccess>
    <lastaccess></lastaccess>
    <lastlogin></lastlogin>
    <currentlogin></currentlogin>
    <lastip></lastip>
    <secret></secret>
    <picture></picture>
    <repeats></repeats>
    <url></url>
    <description> </description>
    <mailformat></mailformat>
    <maildigest></maildigest>
    <maildisplay></maildisplay>
    <htmleditor></htmleditor>
    <ajax></ajax>
    <autosubscribe></autosubscribe>
    <trackforums></trackforums>
    <timemodified></timemodified>
    <trustbitmask></trustbitmask>
    <imagealt> </imagealt>
    <screenreader></screenreader>
  </row>
</mdl_user>
```

4) Evaluation results (candidates with final marks) in excel (dni, mark), which is the Excel sent to FIB at the end of the course

	A	B	C
1	nota	dni	
2	7	12342342	
3	7.5	12345678	
4	9	23134353	
5	4	23456789	
6	4	42342222	
7	7.5	43423423	
8	6.5	54534534	
9	7.5	54543321	
10	10	56756756	
11	6	56847476	
12	8	64564574	
13	8	76574435	
14	5.5	76876786	
15	7	87687875	

marks Hoja2 Hoja3

5) Candidate's master lookup file, relating candidates' IDs to the complete firstname/lastname/address information

```
<mdl_user>
  <row>
    <id> </id>
    <firstname> </firstname>
    <lastname> </lastname>
    <address> </address>
  </row>
</mdl_user>
```