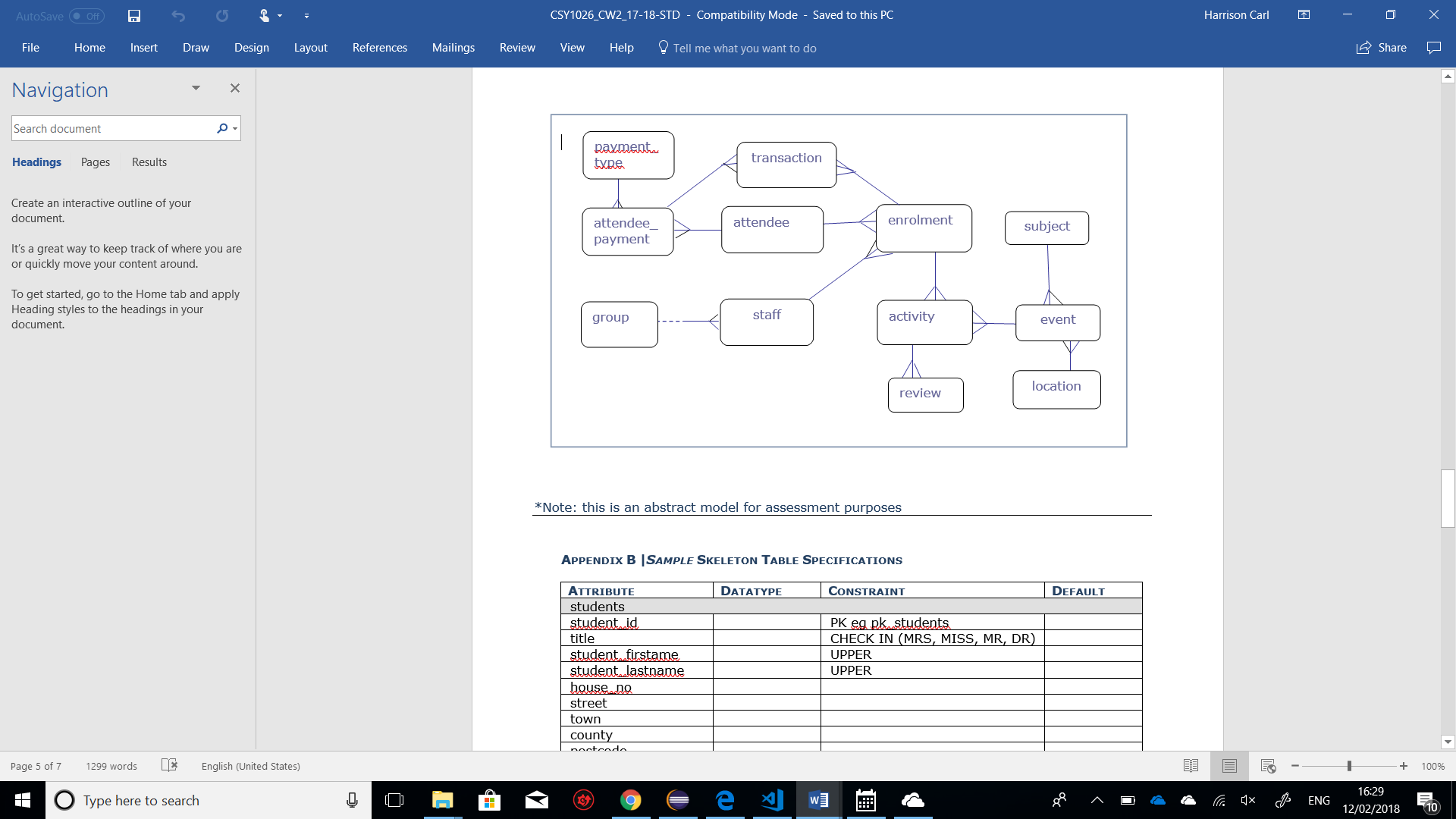
Group 50 – Design and Development





(Bruzac, n.d.)(Worts, n.d.)(Harrison, n.d.)(Matysiak, n.d.)

**subjects**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute** | **Datatype** | **Constraint** | **Default** |
| students | | | |
| subject\_id | NUMBER(3) | pk\_subjects |  |
| subject\_title | VARCHAR(20) |  |  |
| subject\_category | VARCHAR(15) |  |  |

**locations**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute** | **Datatype** | **Constraint** | **Default** |
| students | | | |
| location\_id | NUMBER(3) | pk\_locations |  |
| location\_country | VARCHAR(15) | UPPER | UK |
| location\_city | VARCHAR(15) |  |  |
| location\_street | VARCHAR(40) |  |  |
| location\_house\_no | VARCHAR(4) |  |  |
| location\_postcode | VARCHAR(8) |  |  |
| location\_function | VARCHAR(20) |  |  |
|  |  |  |  |

**events**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute** | **Datatype** | **Constraint** | **Default** |
| students | | | |
| event\_id | NUMBER(4) | pk\_events |  |
| location\_id | NUMBER(3) | fk\_e\_locations NOTNULL |  |
| subject\_id | NUMBER(3) | fk\_e\_subjects NOTNULL |  |
| event\_date | DATE |  | TodaysDate |
| event\_duration | NUMBER(4,2) |  |  |
| event\_title | VARCHAR(15) | UPPER |  |
| event\_description | VARCHAR(40) |  |  |
| event\_capacity | VARCHAR(10) |  |  |

**payment\_types**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute** | **Datatype** | **Constraint** | **Default** |
| students | | | |
| payment\_type\_id | NUMBER(3) | pk\_payment\_types |  |
| method | VARCHAR(20) |  | VISA |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**groups**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute** | **Datatype** | **Constraint** | **Default** |
| students | | | |
| group\_id | NUMBER(4) | pk\_groups |  |
| department | VARCHAR(20) |  |  |
| contact\_number | CHAR(11) |  |  |
| group\_name | VARCHAR(30) |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

**staff**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute** | **Datatype** | **Constraint** | **Default** |
| students | | | |
| staff\_id | NUMBER(4) | pk\_staff |  |
| group\_id | NUMBER(4) | fk\_s\_groups |  |
| title | VARCHAR(3) | CHECK IN (MRS,MISS,MR,DR) | MR |
| staff\_firstame | VARCHAR(20) | UPPER |  |
| staff\_lastname | VARCHAR(40) | UPPER |  |
| house\_no | VARCHAR(4) |  |  |
| street | VARCHAR(20) |  |  |
| town | VARCHAR(20) |  |  |
| county | VARCHAR(20) |  |  |
| postcode | CHAR(6) |  |  |
| country | VARCHAR(20) |  | UK |
| contact\_number | CHAR(11) |  |  |
| email | VARCHAR(30) | UNIQUE |  |
| gender | CHAR(1) |  | F |
| date\_registered | DATE |  | todaysDate |

**\*attendees**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute** | **Datatype** | **Constraint** | **Default** |
| students | | | |
| attendee\_id | NUMBER(8) | pk\_attendees |  |
| attendee\_firstname | VARCHAR2(20) | UPPER |  |
| attendee\_lastname | VARCHAR2(20) | UPPER |  |

**attendee\_payments**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute** | **Datatype** | **Constraint** | **Default** |
| students | | | |
| attendee\_payment\_id | NUMBER(10) | pk\_attendee\_payments |  |
| attendee\_id | NUMBER(8) | fk\_ap\_attendees NOTNULL |  |
| payment\_type\_id | NUMBER(3) | fk\_ap\_payment\_types NOTNULL |  |
| payment\_date | DATE |  |  |

**enrolments**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute** | **Datatype** | **Constraint** | **Default** |
| students | | | |
| enrolment\_id | NUMBER(10) | pk\_enrolments |  |
| staff\_id | NUMBER(8) | fk\_e\_staff NOTNULL |  |
| attendee\_id | NUMBER(8) | fk\_e\_attendees NOTNULL |  |
| enrolment\_date | DATE |  |  |

**transactions**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute** | **Datatype** | **Constraint** | **Default** |
| students | | | |
| transaction\_id | NUMBER(8) | pk\_transactions |  |
| attendee\_payment\_id | NUMBER(10) | fk\_t\_attendee\_payments NOTNULL |  |
| enrolment\_id | NUMBER(10) | fk\_t\_enrolments NOTNULL |  |

**activities**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute** | **Datatype** | **Constraint** | **Default** |
| students | | | |
| activity\_id | NUMBER(4) | pk\_activities |  |
| enrolment\_id | NUMBER(10) | fk\_a\_enrolments NOTNULL |  |
| event\_id | NUMBER(4) | fk\_a\_events NOTNULL |  |
| location | VARCHAR2(20) | UPPER |  |
| activity\_date | DATE |  |  |

**reviews**

|  |  |  |  |
| --- | --- | --- | --- |
| **Attribute** | **Datatype** | **Constraint** | **Default** |
| students | | | |
| review\_id | NUMBER(8) | pk\_reviews |  |
| activity\_id | NUMBER(4) | fk\_r\_activities NOTNULL |  |
| review\_content | VARCHAR2(200) |  |  |
| review\_date | DATE |  |  |
| rate | NUMBER(3) |  |  |

# References

Bruzac, A., n.d. s.l.:University of Northampton.

Harrison, C., n.d. s.l.:University of Northampton.

Matysiak, S., n.d. s.l.:University of Northampton.

Worts, H., n.d. s.l.:University of Northampton.