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| **Date Submitted:** | November 30, 2016 (Wed) |
| **Team Number and Name:** | Group 13, Lucky Number |
| **Team Members:** | Aaron Scott, Eunsol Lee, Aleksandr Sledkov, Choudry Mazhar, Michael Dipaling |
| **Project Title:** | More Better point of sale system |

**BUSINESS RULES**

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| **Rule #** | **Description** | **Use Case Cross Reference** |
| ES 01 | Project Code must be unique when saving a customer project to the database | **ES 503**  (Eunsol Lee) |
| ES 02 | Every Project must have a name in the database | **ES 503**  (Eunsol Lee) |
| ES 03 | Every Project must have an employee id in the database | **ES 503**  (Eunsol Lee) |
| ES 04 | Every Project must have a start date in the database | **ES 503**  (Eunsol Lee) |
| ES 05 | Every Project must have a due date in the database | **ES 503**  (Eunsol Lee) |
| ES 06 | Every Project must have a price in the database | **ES 503**  (Eunsol Lee) |
| ES 07 | Every Project must have a project description in the database | **ES 503**  (Eunsol Lee) |
| ES 08 | Every Project must have a project status in the database | **ES 503**  (Eunsol Lee) |
| ES 09 | Every Project must have a customer id in the database | **ES 503**  (Eunsol Lee) |
| ES 21 | Contractor ID must be unique when saving a contractor to the database. | **ES 504**  (Eunsol Lee) |
| ES 22 | Every Contractor must have a name in the database. | **ES 504**  (Eunsol Lee) |
| ES 23 | Every Contractor must have an email address in the database. | **ES 504**  (Eunsol Lee) |
| ES 24 | Every Contractor must have a phone number in the database. | **ES 504**  (Eunsol Lee) |
| ES 25 | Every Contractor must have an address in the database. | **ES 504**  (Eunsol Lee) |
| SA 001 | Equipment ID must be unique when saving a repair schedule to the database | **AS 13, AS 14**  (Aleksandr Sledkov) |
| SA 002 | Equipment ID must exist in the database | **AS 13**  (Aleksandr Sledkov) |
| SA 003 | Every Schedule must have a Customer name in the database | **AS 13**  (Aleksandr Sledkov) |
| SA 004 | Every Schedule must have a Rental Start Date in the database | **AS 13**  (Aleksandr Sledkov) |
| SA 005 | Every Schedule must have a Rental End Date in the database | **AS 13**  (Aleksandr Sledkov) |
| SAV 020 | Every Equipment must have a name in the database | **AS 14**  (Aleksandr Sledkov) |
| SAV 030 | Every Equipment must have a brief description in the database | **AS 14**  (Aleksandr Sledkov) |
| CH 01 | Inventory code must be unique when adding item | **UCn 01**  (Choudry Mazhar) |
| CH 02 | Every inventory item must have a name in the database | **UCn 01**  (Choudry Mazhar) |
| CH 03 | Every inventory item must have a unique purchase order in the database | **UCn 01**  (Choudry Mazhar) |
| CH 04 | Every inventory item must have a description in the database | **UCn 01**  (Choudry Mazhar) |
| CH 05 | Every inventory item must have a price in the database | **UCn 01**  (Choudry Mazhar) |
| CH 06 | Every purchased order should have quantity greater than zero | **UCn 01**  (Choudry Mazhar) |
| CH 010 | Product code must be unique when adding product | UCn 02 (Choudry Mazhar) |
| CH 020 | Every product item must have a name in the database | UCn 02 (Choudry Mazhar) |
| CH 030 | Every product item must have a description in the database | UCn 02 (Choudry Mazhar) |
| CH 040 | Every product item must have a price listed in the database | UCn 02 (Choudry Mazhar) |
| BR 70 | Every Class Schedule must have a Class name when scheduling classes | UC1 (Michael Dipaling) |
| BR 71 | Every Class cost must contain digits only | UC1 (Michael Dipaling) |
| BR 72 | Every Class Schedule must have a Class Date in the database | UC1 (Michael Dipaling) |
| BR 73 | Every Class Schedule must have a Room Number in the database | UC1 (Michael Dipaling) |
| BR 74 | Every Class Schedule must have a Teacher Name in the database | UC1 (Michael Dipaling) |
| BR 98 | Every Class must have a class Course Code in the database | UC2 (Michael Dipaling) |
| BR 99 | Every Class Course Code must be unique when saving a class to the database | UC2 (Michael Dipaling) |
| BR 100 | Every class must have a name in the database | UC2 (Michael Dipaling) |
| BR 101 | Every Class mush have a Teacher name in the database | UC2 (Michael Dipaling) |
| BR 102 | Every Class must have a Utensils in the database | UC2 (Michael Dipaling) |
| AC 010 | Employee ID must not be empty in the Database | UC402 (Aaron Scott) |
| AC 020 | Department ID must not be empty in the Database | UC402 (Aaron Scott) |
| AC 030 | Start Time must not be empty in the Database | UC402 (Aaron Scott) |
| AC 040 | Number of Hours must not be empty in the Database | UC402 (Aaron Scott) |
| AC 050 | Employees must have a unique Employee ID in the database | **UC401**  (Aaron Scott) |
| AC 060 | Employees must have an Employee Name in the database | **UC401** (Aaron Scott) |
| AC 070 | Employees must have a Department ID in the database | **UC401**  (Aaron Scott) |
| AC 080 | Employees must have an Address in the database | **UC401** (Aaron Scott) |
| AC 090 | Employees must have a Social Insurance Number in the database | **UC401** (Aaron Scott) |
| AC 100 | Employees must have a Phone Number in the database | **UC401** (Aaron Scott) |