Eggshell Home Builder (Final Project)

Business Rules / Assumptions:

**Advanced Database Management:** December 9, 2013

(Group 3)

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1. An employee may only have one job title at a given time. For example, an employee could not be a project manager and crew manager at the same time.
2. When the house\_id of the lot table is NULL, it means the lot is empty.
3. When the end\_date of the construction\_project table is NULL, it means the project has not finished yet.
4. When the construction on a house reaches the next stage, customers are contacted to select options for that stage. Options associated with a stage beyond the current stage of construction are not allowed.
5. When an option is selected for a house and the option’s associated stage is one stage behind the current stage of construction, a 15% price markup is assigned. Otherwise, the price is the same as it is specified in the option\_choice table.
6. When an option is selected for a house and the option’s associated stage is more than one stage behind the current stage of construction, then that option selection is not allowed.
7. Not every customer may use the online application. Hence it may not have an account that is stored in ‘application\_user’ table.
8. A construction\_project is worked upon by exactly one crew.
9. A construction\_worker can belong to more than one crew.
10. System can capture a maximum of 3 skills for a Construction\_worker.
11. System can capture a maximum of 3 floor plan link for a style.