SKWAD

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Excelsior Demo

BOW Processing

```php
function parseArray($input, $array)
{
    $term = $input;
    $count = count($array);
    for ($row = 0; $row < $count; $row++) {
        $interiorLength = count($array[$row]);
        for ($col = 0; $col < $interiorLength; $col++) {
            if ($array($col) == $term) {
                return $array[$row][0]; #return terms PK
            }
        }
    }
    return "not in array";
}

function parseDriver($input)
{
    $inDef = parseArray($input, $GLOBALS['definitions']);
    if ($inDef !== "not in array") {
        return array($inDef,"definitions");
    }
    $inFunc = parseArray($input, $GLOBALS['functions']);
    if ($inFunc !== "not in array") {
        return array($inFunc,"functions");
    }
    $inSym = parseArray($input, $GLOBALS['symbols']);
    if ($inSym !== "not in array") {
        return array($inSym,"symbols");
    }
    return array("","");
}
```

DB Query

```php
if (!$connection)
{
    die('Could not connect: ' . mysql_error());
}

mysql_select_db("perm_team7_2016", $connection);

$p_d_output = parseDriver($noun);

$table = p_d_output[0]
$pk = p_d_output[1]

$query = "
SELECT * FROM `perm_team7_2016`. $table WHERE TABLE_KEY = $pk;";

$fetched_data = mysql_query($query);

echo "<h1>this is a test</h1>";
    while($row = mysql_fetch_array( $fetched_data )) {

                // Print out the contents of each row into a table
                echo "<tr><td>";
                echo $row['table_key'];
                echo "</td><td>";
                echo $row['definition'];
                echo "</td></tr>";
    }

mysql_close($connection);
}
```

Sprint 3 Stories

Epic: Create the Pipeline
Broken into 3 more Epics
NLP / Creating Queries / Query DB
and
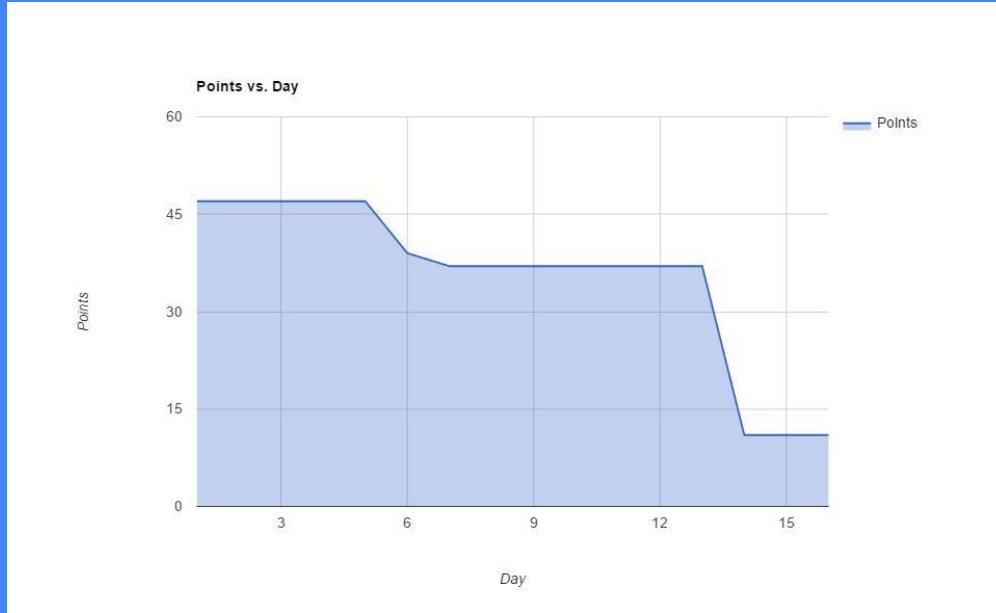Response System Overhaul
Update the DB

Pipeline Setbacks

Data loss, JS, .jar, jOOQ, Lucene, SNLP Tools, Framework Installation

The New Pipeline

User input -> JS POS -> Jquery Post -> PHP -> MySQL DB -> Info to user

Burndown chart

Attempted 47 points, Completed 39 points

Retrospective

Better work distribution:
Compartmentalization
Communication:
Better but could be improved further