***SUBMISSION FORM EXAMPLE***

**Student Group Name:** The Slam Dunks

**Student Group Members:** Dua Lipa, Ariana Grande, Taylor Swift

**School:** Indy Music Academy

**Sponsor:** Dr. Dre

**Algorithm Description**

1. Calculate the following rating for each qualifying team where y1 = the three-point percentage, y2 = the free throw percentage and y3 = the assist to turnover ratio. Y = y1 + 2y2 +(1/3)y3
2. Now order the rating above for each team from largest to smallest.
3. Find the team from each region with the highest rating and then order these teams from highest to lowest rating. These teams will be assigned in reverse order the ranks of 10, 9, 8 and then 7.
4. Find the team from each region with the second highest rating and then order these teams from highest to lowest rating. These teams will be assigned in reverse order the ranks of 6, 5, 4 and then 3.
5. Finally, find the two highest rated Cinderella teams that were not identified in steps 3-4 and order them from highest to lowest rating. These teams will be assigned in reverse order the ranks of 2 and 1.

**Algorithm Applied to the 2016 Tournament Data (EXAMPLE PURPOSES ONLY)**

| **Team** | **Region** | **Rank** | **Games Won** | **Points Earned** |
| --- | --- | --- | --- | --- |
| Michigan State | MW | 10 |  |  |
| Villanova | S | 9 |  |  |
| Michigan\* | E | 8 |  |  |
| Duke | W | 7 |  |  |
| Virginia | MW | 6 |  |  |
| UConn\* | S | 5 |  |  |
| North Carolina | E | 4 |  |  |
| UNI\* | W | 3 |  |  |
| Pittsburgh\* | E | 2 |  |  |
| SFA\* | MW | 1 |  |  |

**Be sure to \* those teams that are Cinderella teams for special identification.  
 A Cinderella team is a team that is seeded 9 - 16. Algorithm Applied to the 2016 Tournament**