|  |
| --- |
| logo.jpg  **Pattern Recognition Course**  **Computer Science Department**  **Faculty of Computer and Information Sciences**  **Ain Shams University, Egypt** |
| **A Report of Final Project**  **By** |

|  |  |
| --- | --- |
| **Team no.: [ ]**  **[Abdullah Abdelkader roshdy] - [3]**  **[abdullah Mahmoud Abdallah] - [3]**  **[Abdullah shaaban elsayed] - [3]**  **[Rabah jamal Mohamed Ali] - [2]** | |
| **Project Title** | |
| **"*Object Detection and Recognition*"** | |

**1stSemester 2017\2018**

# **Comparative Study**

Table 1.Overall Accuracy (%)

|  |  |  |  |
| --- | --- | --- | --- |
|  | **Modified KNN** | **r-Near Neighbors** | **SVM** |
| **GLCM** | 64% | 32% | 40% |
| **Run-Length Matrix** | 72% | 40% | 60% |
| **GLCM + Run-Length Matrix** | 76% | 40% | 64% |
| **SIFT (Bonus)** |  |  |  |

# **Conclusion**

The Modified Knn has the highest Accuracy among classification algorithms .