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| Use Case ID: | 1\_Provider | |
| Use Case Name: | Reject Requests | |
| Actors: | Provider | |
| Pre-conditions: | 1- Logged in as Admin. | |
| Post-conditions: | 1-Reject Requests that are greater than capacity | |
| Flow of events: | **User Action** | **System Action** |
|  | 1-System retrieves all requests that arrive from customers. |
| 2-Admin rejects all requests that are greater than the available capacity. |  |
|  | 3-System delete all request that are greater than the available capacity |
|  | 4-System shows the new list of requests. |

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| Use Case ID: | 2\_Provider | |
| Use Case Name: | Run TSPSolver | |
| Actors: | Provider | |
| Pre-conditions: | 1- Logged in as Admin. | |
| Post-conditions: | 1-Assign Route To Salesman | |
| Flow of events: | **User Action** | **System Action** |
| 1- Admin Run TSP Solver |  |
|  | 2-TSPSolver Cluster requests automatic clustering using K-Mean algorithm |
|  | 3-TSPSolver chooses the best route for each salesman based on number of requests. |