

Multivalued Attribute :

Department

| | |
|-------------|-------|
| <u>DNUM</u> | DName |
|-------------|-------|

Department_Locations

| | |
|-------------|-----------|
| <u>DNUM</u> | Locations |
|-------------|-----------|

Employee and Department (1:1) :

Employee

| | | | | |
|------------|-----------|-------|-------|--------|
| <u>SSN</u> | BirthDate | Fname | Lname | Gender |
|------------|-----------|-------|-------|--------|

Quote

| | | |
|------------|-------------|----------|
| <u>SSN</u> | <u>DNUM</u> | HireDate |
|------------|-------------|----------|

Department

| | | | |
|-------------|-------|----------|--------|
| <u>DNUM</u> | DName | Location | SSN_FK |
|-------------|-------|----------|--------|

Employee and Dependent (1:N) :

Employee

| | | | | |
|------------|-----------|-------|-------|--------|
| <u>SSN</u> | BirthDate | Fname | Lname | Gender |
|------------|-----------|-------|-------|--------|

Dependent

| | | | |
|----------------------|-----------|--------|-----|
| <u>DependentName</u> | BirthDate | Gender | SSN |
|----------------------|-----------|--------|-----|

Department and Project (1:N) :

Department

| | | |
|-------------|-------|----------|
| <u>DNUM</u> | DName | Location |
|-------------|-------|----------|

Project

| | | | | |
|----------------|-------|------|----------|------|
| <u>PNumber</u> | PName | City | Location | DNUM |
|----------------|-------|------|----------|------|

Employee and Project (M:M) :

Employee

| | | | | |
|------------|-----------|-------|-------|--------|
| <u>SSN</u> | BirthDate | Fname | Lname | Gender |
|------------|-----------|-------|-------|--------|

Qoute

| | | |
|------------|----------------|--------------|
| <u>SSN</u> | <u>PNumber</u> | WorkingHours |
|------------|----------------|--------------|

Project

| | | | |
|----------------|-------|------|----------|
| <u>PNumber</u> | PName | City | Location |
|----------------|-------|------|----------|

Emp_Proj

| | |
|------------|----------------|
| <u>SSN</u> | <u>PNumber</u> |
|------------|----------------|