

Levels

| | |
|-------|------------|
| level | class name |
|-------|------------|

Pool

| | | |
|------|------|----------|
| pool | name | location |
|------|------|----------|

Staff

| | | | | |
|------------------|------------|----------------|-----------|--------|
| id _{pk} | first name | middle initial | last name | suffix |
|------------------|------------|----------------|-----------|--------|

| | |
|----------|---------|
| Salaried | payment |
|----------|---------|

Classes

| | | | | | |
|----------------------------|------------|------|------|-------|----------|
| lesson index _{pk} | section id | days | Time | limit | enrolled |
|----------------------------|------------|------|------|-------|----------|

| | | | |
|-------|----------|------|-------|
| Price | staff id | pool | level |
| | fk | | |

enrollment

| | | | |
|--------|---------|-------------|---------------|
| status | charged | amount paid | date enrolled |
|--------|---------|-------------|---------------|

| | |
|--------------|-----|
| lesson index | sid |
|--------------|-----|

fk

Students

| | | | | | |
|-------------------|--------|-----------|--------|--------|----------|
| sid _{pk} | f.name | m.initial | l.name | suffix | birthday |
|-------------------|--------|-----------|--------|--------|----------|

| | | | |
|--------------|------------|-------------------|-------------|
| Local Street | local city | local postal code | local phone |
|--------------|------------|-------------------|-------------|

Cardinality

level-classes
pool classes
staff classes } Weak (1-M relation)

level-enrollment
student-enrollment } Strong (1-M relation)

Weak entity

Enrollment : As this don't have any primary key we say that this table weak entity.