**Key**

* I = Input
* R = Read
* U = Update
* D = Delete

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Transaction | Create New  Member | | | | Make Classruum | | | | Make Foruum | | | | Make Quiz | | | | | Comment | | | | Make Note | | | | Join Classruum | | | | Search for Quiz/Foruum | | | |
|  | I | R | U | D | I | R | U | D | I | R | U | D | | I | R | U | D | I | R | U | D | I | R | U | D | I | R | U | D | I | R | U | D |
| Educator | x |  |  |  | x |  |  |  | x |  |  |  | | x |  |  |  |  |  | x | x |  |  |  |  |  |  |  |  |  |  |  |  |
| Scholar | x |  |  |  |  |  |  |  | x |  |  |  | | x |  |  |  |  |  | x | x |  |  |  |  | x |  |  |  |  |  |  |  |
| Classruum |  |  |  |  |  |  | x |  |  |  |  |  | |  |  |  |  |  |  | x |  |  |  |  |  |  | x | x |  |  |  |  |  |
| Foruum |  |  |  |  |  |  |  |  |  |  | x |  | |  |  |  |  |  |  | x |  |  |  |  |  |  |  |  |  |  | x |  |  |
| Quiz |  |  |  |  |  |  |  |  |  |  |  |  | |  |  | x |  |  |  |  |  |  |  |  |  |  |  |  |  |  | x |  |  |
| Notes |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  |  |  | x | x |  |  |  |  |  |  |  |  |