Class Responsibility-Collaboration cards (CRC cards)

|  |  |
| --- | --- |
| **Student** | |
| student ID | Contract |
| Name | Accommodation |
| Email |  |
| Phone number |  |
| Preferred Location |  |
| Budget |  |
| Search for Accommodation |  |
| View Accommodation Details |  |
| Apply for Accommodation |  |

|  |  |
| --- | --- |
| **Accommodation** | |
| Accommodation ID | Student |
| Accommodation Address | Owner |
| Price | Contract |
| Number of rooms |  |
| Availability Status |  |
| Get details of accommodation |  |
| Update details of Accomodation |  |
| Update availability status |  |

|  |  |
| --- | --- |
| **Owner** | |
| Owner ID | Contract |
| Owner Name | Accommodation |
| Email |  |
| Phone number |  |
| Add an Accommodation |  |
| Update Details of accommodation |  |
| Remove the accommodation |  |

|  |  |
| --- | --- |
| **Contract** | |
| Contract ID | Student |
| Student ID | Accommodation |
| Owner ID | Owner |
| Accommodation ID |  |
| Contract start date |  |
| Contract Status |  |
| Update Status |  |
| Add contract |  |
| Delete Contract |  |

Class Diagram

DomrNest Class Diagram:

(Student Accommodation Finder)

