* Agent registers to the system.
* Agent login to the system.
* Agent Advertise property.
* Customer searches property.
* Customer reserves property.
* Customer fills in contact details.
* Customer makes payment by Credit card, visa card, or cash. Admin user generates an offer letter.
* Generates a receipt.
* Admin user manages property details.
* Manager views selling details and agent details.

1. **Nouns**

Agent - class

System – out of scope

Property - class

Customer - class

Contact details - attribute

Payment - class

Credit card/visa card/ cash - class

Admin - class

Offer letter - attribute

Receipt - attribute

Property details - attribute

Manager - class

Selling details- attribute

Agent details - attribute

**Verbs**

Registers

Login

Advertise

Search

Reserves

Fills

Makes

Generates

Manages

Views

1. **Classes**

* Agent
* Property
* Customer
* Payment
* Admin
* Report
* Manager

|  |  |
| --- | --- |
| Agent | |
| Responsibilities | Collaborations |
| Register |  |
| Login | Admin |
| Advertise | Property |
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|  |  |
|  |  |

|  |  |
| --- | --- |
| Property | |
| Responsibilities | Collaborations |
| Store property details |  |
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|  |  |
|  |  |

|  |  |
| --- | --- |
| Customer | |
| Responsibilities | Collaborations |
| Search | Property |
| Reserve | Admin |
| Fill contact details |  |
| Make payment | Payment |
|  |  |
|  |  |

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| --- | --- |
| Payment | |
| Responsibilities | Collaborations |
| Store payment details |  |
| Validate |  |
| Generate a receipt |  |
|  |  |
|  |  |
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| --- | --- |
| Admin | |
| Responsibilities | Collaborations |
| Generate offer letter |  |
| Manages property | Property |
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| --- | --- |
| Report | |
| Responsibilities | Collaborations |
| List of selling details |  |
| List Agent details | Agent |
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| --- | --- |
| Manager | |
| Responsibilities | Collaborations |
| View property and agent details | report |
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| --- | --- |
| Person | |
| Responsibilities | Collaborations |
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| --- | --- |
| CreditCard | |
| Responsibilities | Collaborations |
| Transfer money | payment |
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| --- | --- |
| VisaCard | |
| Responsibilities | Collaborations |
| Transfer money | payment |
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| --- | --- |
| Cash | |
| Responsibilities | Collaborations |
| Transfer money | payment |
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Graphical user interface, application, Teams

Description automatically generated