Functional Diagrams:

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| **S.NO** | **Methods** | **Parameters** | **Return Type /Returns** | **Screen Name** |
| 1 | Login | User name , password |  | Login |
| 2 | Forgot Password | User name or email |  | Login |
| 3 | Register | User details |  | Register |
| 4 | Get Floors | Void |  | Aloocate Room |
| 5 | Get Rooms By Floor | Floor Number |  | Allocate Room |
| 6 | Get Beds By Room | Room Number | Returns no.of vacant beds along with numbers,no.of filled beds | Allocate Room |
| 7 | GetPaymentDetailsBYType | Student / worker | Reports Obj | Reports |
| 8 | GetTotalMonthExpendture | Month | MonthlyExpense | Daily Wages |
| 9 | RecordUtilityBills | Type |  | Daily wages |
| 10 | RecordDailyWages | Amount,date,type |  | Dailywages |
| 11 | GetPaymentDetails |  | every expenditure and collection,Profit | Accounts |