**PG-DAC - JAVA Module Exam Date: 30/11/2016**

**Total marks: 50**

**Time: 1.5 hrs**

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| --- | --- | --- |
|  | **Rent a Property** | **50** |
|  | * **Types of Users** | **10** |
|  | * Owner: Name, Id (auto-gen), location, contact no., email, property type, rent. |  |
|  | * Tenant: Name, Id (auto-gen), location, contact no., email. |  |
|  | * Each user can either be an owner or a tenant not both. |  |
|  | * Email will act as a user-id. |  |
|  | * User will login as an owner or a tenant. |  |
|  | * Use Mysql Database to store User data. |  |
|  | * **Facilities** | **20** |
|  | * Provide Registration facility for both type of users. |  |
|  | * Provide profile updating facility to all users based on their "ID". |  |
|  | * **Application Requirements** | **20** |
|  | * A tenant will provide rent price range and various location options (min 3). |  |
|  | * Based on the search result, he can request for contact no one of the owners. |  |

**OR**

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| --- | --- | --- |
|  | **Music Player** | **50** |
|  | * **Objects in the application** | **10** |
|  | * Song : title, artist, album. |  |
|  | * **Facilities** | **20** |
|  | * Inserting a new Song to the Database. |  |
|  | * Updating and deleting song when title is mentioned. |  |
|  | * **Application Requirements** | **20** |
|  | * Play Songs based on the selected singer. |  |
|  | (**Note**: Use *JDBC* to connect to database and ***Jstl*** tags to iterate over the collection) |  |