Prototype Phase Problem Statement

**Instructions:**

**Please read the following instructions carefully before solving & submitting the solution file:**

It should be clear that your solution file will get credit only if:

* The assignment is submitted before or on the due date.
* The submitted solution project is not corrupted or damaged.
* The solution project is not copied (from another student or internet).
* Upload/Submit assignment in your VULMS assignment interface.
  + No assignment will be accepted through email.

# Problem Statement

You must complete the following partial functional requirements of your project. Your web application should be connected to a database and must contain following Activities/Fragments with their working functionality.

1. Develop two dashboards (one for tenants and another one for owners and managers).
2. Flat and room detail registration in the system.
3. Register Tenants (those customers who are interested in getting flats or rooms for rent).
4. Register owner detail of the residential tower.
5. Assign flats (which are vacant) to the tenants.

For helping material, you can visit the following links.

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| **Topic #** | **Weblink** |
| 1 | <https://www.w3schools.com/php/DEFAULT.asp> |
| 2 | <https://www.w3schools.com/js/> |
| 3 | <https://www.w3schools.com/jquery/> |
| 4 | <https://www.w3schools.com/bootstrap/> |
| 5 | <https://www.w3schools.com/sql/> |
| 6 | <https://www.w3schools.com/html/default.asp> |
| 7 | [PHP Programming Language Tutorial - Full Course](https://www.youtube.com/watch?v=OK_JCtrrv-c) |
| 8 | [PHP Tutorials | PHP For Beginners](https://www.youtube.com/watch?v=DG0C3Tntl1M) |
| 9 | [HTML and CSS Tutorial for Beginners](https://www.youtube.com/watch?v=kMT54MPz9oE) |
| 10 | [Learn JavaScript - Full Course for Beginners](https://www.youtube.com/watch?v=PkZNo7MFNFg) |
| 11 | [Learn Bootstrap 4 by building a landing page website](https://www.freecodecamp.org/news/learn-bootstrap-4-in-30-minute-by-building-a-landing-page-website-guide-for-beginners-f64e03833f33/) |
| 12 | [SQL Tutorial - Full Database Course for Beginners](https://www.youtube.com/watch?v=HXV3zeQKqGY) |
| 13 | [PHP free courses on Udemy](https://www.udemy.com/courses/search/?lang=en&lang=ur&price=price-free&q=PHP&ratings=4.5&sort=relevance) |
| 14 | [React JS Frontend Web Development for Beginners](https://www.udemy.com/course/react-tutorial/) |
| 15 | [React Basics for Beginners](https://www.udemy.com/course/react-basics-for-beginners-javascript/) |
| 16 | [Introduction to database concepts - SQL Server](https://www.udemy.com/course/introduction-to-database-concepts-sql-server/) |
| 17 | [Learn SQL / MySQL database basics FOR FREE](https://www.udemy.com/course/learn-sqlmysql-database-basics-for-free/) |

\*\*\*\*Your web application should be connected to a database and must contain the above front-end screens (with proper back-end programming/coding) with their working functionality.

*Note: You must use database in your prototype phase. You can use all the technologies and tools mentioned in the project proposal.*

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| Submission Details:  Submit the complete project including all code files plus database file(s) in a single zip or rar file on LMS. |