Use Case Document

Name: Create Maintenance Request
Summary:
>   Feature used by the tenant to create a maintenance request. User can enter priority level
>   and description along with special instructions and permissions for entering the abode.

Version: 0.1 This version is the first version we will be testing.
Preconditions:
- User is Authenticated
- Main Menu displaying
- Internet Access

Triggers:
- User Selects "Submit Request" icon

Main Success Scenario:
1. System Displaying Main Menu
2. User selects "Submit Request" Icon
3. System displays current tenant information for user
4. System displays "Request Description" text area
5. User Enters Request Description
6. System displays "Priority" options
7. User Selects Priority
8. System Displays "Permission to Enter Home" check box option
9. System Displays "Time of Day" options
10. User selects time of day
11. System displays "Submit Request" icon
12. User Selects "submit Request" icon
13. System Displays confirmation message
14. System displays main menu

Alternative Success Scenarios:
- None. Application designed to follow single path.

Postconditions:
- View Current Requests section contains created request

Business Rules:
- Request description must be filled out.
- Request description no longer than 512 characters.
- Request description only allows alphanumerics and punctuations
    - Regex filter: [A-Za-z0-9 _.,!"'/$]*
- Priority must be selected.
- Only one priority level may be selected
- Priority levels: "Limbo Low", "Low", "Medium Rare","Medium","Medium Well", "Chard Leather", and "Defcon 5"
- Time of Day Options "Any", "8am-11am","12pm-3pm","3pm-6pm"

Notes: This should be very simple to fill out and not leave much room for user error.

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