

# 11. APPENDIX

## Source Code(if any)

### Apex Trigger

```
trigger test on Tenant__c (before insert)
{
    if(trigger.isInsert && trigger.isBefore){
        testHandler.preventInsert(trigger.new);
    }
}
```

### Apex Handler class

```
for (Tenant__c newTenant : newList) {

                                if (newTenant.Property__c != null &&
existingPropertyIds.contains(newTenant.Property__c)) {
        newTenant.addError('A tenant can have only one property');
    }
}
}
```

### Apex Class

```
global class MonthlyEmailScheduler implements Schedulable {
    global void execute(SchedulableContext sc) {
        Integer currentDay = Date.today().day();
        if (currentDay == 1) {
            sendMonthlyEmails();
        }
    }

    public static void sendMonthlyEmails() {
        List<Tenant__c> tenants = [SELECT Id, Email__c FROM Tenant__c];
        for (Tenant__c tenant : tenants) {
            String recipientEmail = tenant.Email__c;
            String emailContent = 'I trust this email finds you well. I am writing to
remind you that the monthly rent is due Your timely payment ensures the
smooth functioning of our rental arrangement and helps maintain a positive
living environment for all.';
        }
    }
}
```

```

        String emailSubject = 'Reminder: Monthly Rent Payment Due';
        Messaging.SingleEmailMessage email = new
Messaging.SingleEmailMessage();
        email.setToAddresses(new String[]{recipientEmail});
        email.setSubject(emailSubject);
        email.setPlainTextBody(emailContent);
        Messaging.sendEmail(new
Messaging.SingleEmailMessage[]{email});
    }
}
}

```

**Dataset Link:**

<https://www.kaggle.com/code/azratuni/lease-document-processing-analysis-leaseflow/input>

**GitHub & Project Demo Link :**

<https://github.com/gangavarapuradhika/Lease-Management>