3.2.3. Activity Diagram

For a better view of the diagram
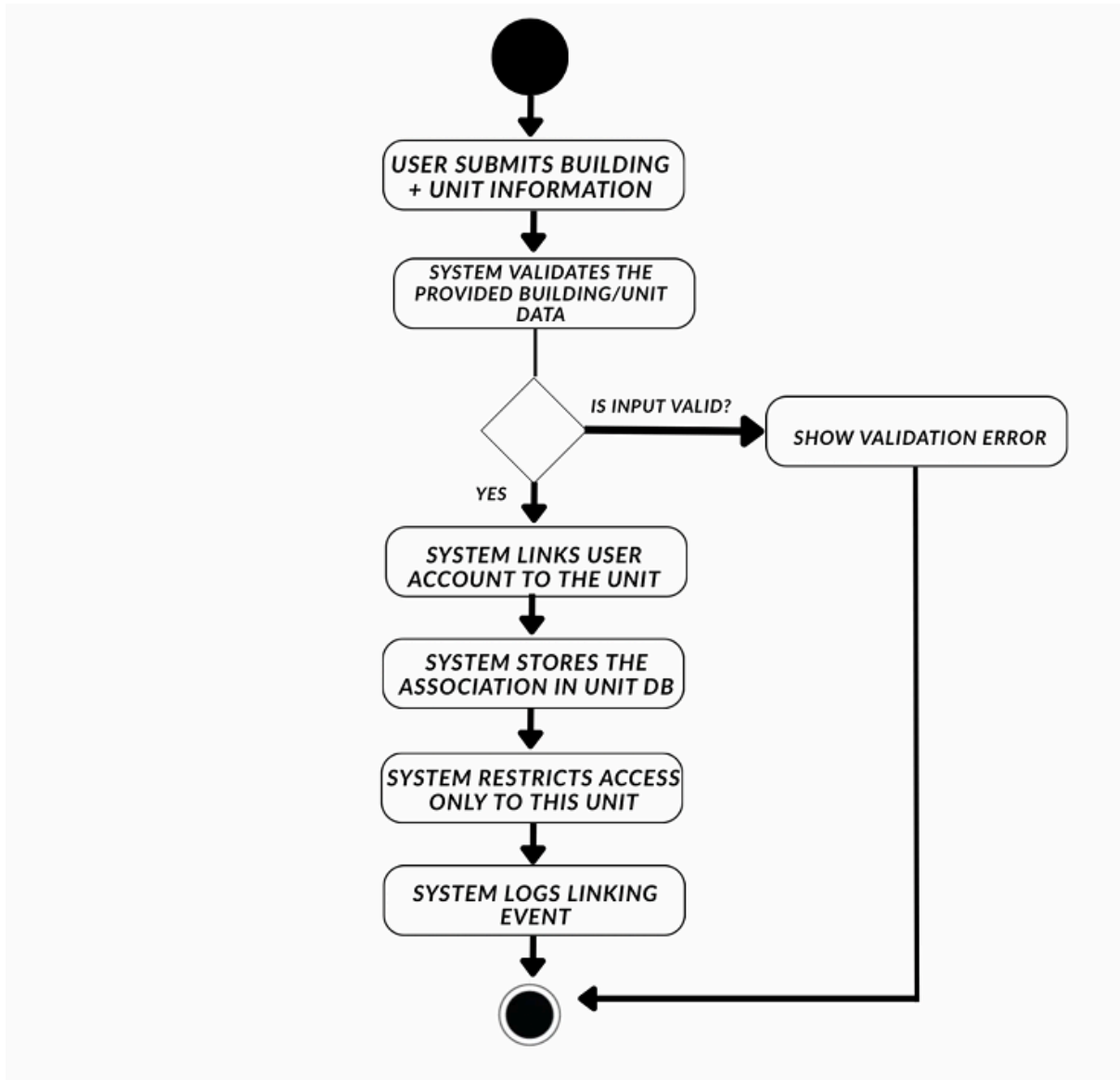
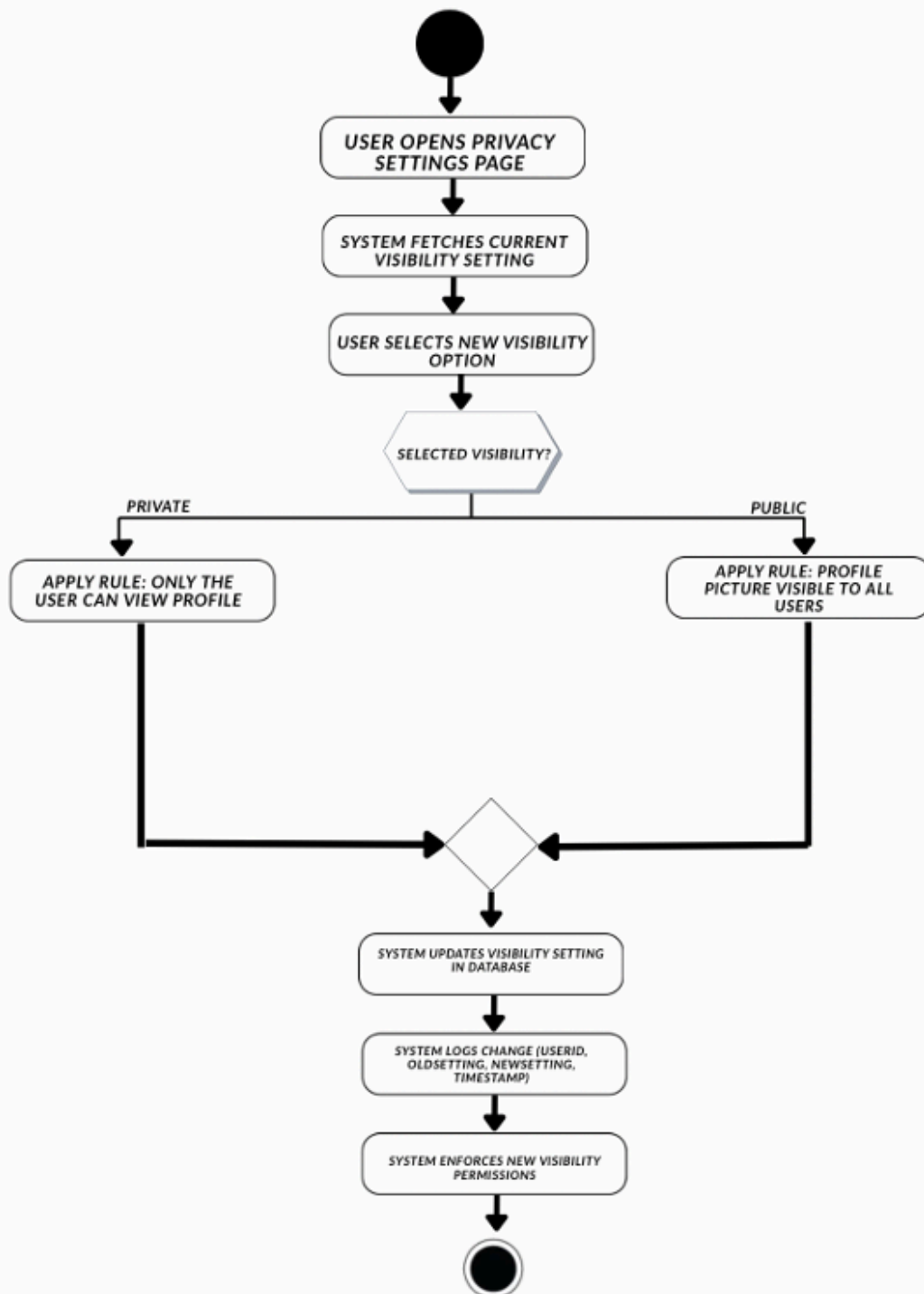📄 Register.pdf

```
                              ↓
                      ┌─────────────────┐
                      │  ROLE =         │
                      │  OWNER/TENANT   │←──────────────────┐
                      │  /SUPERVISOR ?  │                   │
                      └─────────────────┘                   │
             YES  ┌──────────┴──────────┐  NO               │
                  ↓                     ↓                    │
        ┌──────────────────┐    ┌──────────────────┐        │
        │ USER SUBMITS      │    │  IS ROLE         │        │
        │ PROPERTY          │    │  MAINTENANCE     │────────┘
        │ VERIFICATION      │←─┐ │  COMPANY?        │
        │ (UNIT NO., PROOF  │  │ └──────────────────┘
        │ DOCUMENT, INVITE  │  │       │ YES
        │ CODE)             │  │       ↓
        └──────────────────┘  │ ┌──────────────────┐
                 │            │ │  IS COMPANY       │
                 ↓            │ │  PRE-APPROVED?    │
         ┌──────────────┐    │ └──────────────────┘
         │ VERIFICATION │    │  YES ┌────┴────┐ NO
         │ APPROVED?    │    │      ↓         ↓
         └──────────────┘    │
      YES ┌─────┴─────┐ NO   │
          ↓           ↓      │
  ┌──────────────┐ ┌──────────────────┐  ┌──────────────────┐ ┌──────────────────────┐
  │ ACTIVATE     │ │ REQUEST          │  │ COMPANY IS       │ │ REJECT REGISTRATION: │
  │ ACCOUNT      │ │ RE-SUBMISSION    │  │ WHITELISTED      │ │ "COMPANY NOT         │
  │ STATUS =     │ └──────────────────┘  └──────────────────┘ │ AUTHORIZED"          │
  │ ACTIVE       │                                            └──────────────────────┘
  └──────────────┘                                                       │
          │            ┌──────────────────────────────┘                  │
          ↓            ↓                                                  │
         ◇◇◇                                                             │
          │                                                              │
          ↓                                                              │
  ┌──────────────────────────┐                                          │
  │ USER LOGIN               │                                          │
  │ (EMAIL/PHONE + PWD)      │                                          │
  └──────────────────────────┘                                          │
          │                                                              │
          ↓                                                              │
  ┌──────────────────────────┐                                          │
  │ REDIRECT TO DASHBOARD     │                                          │
  │ BY ROLE (OWNER/TENANT/    │                                          │
  │ SUPERVISOR/               │                                          │
  │ MAINTENANCE CO.)          │                                          │
  └──────────────────────────┘                                          │
          │                                                              │
          ↓                                                              │
  ┌──────────────────────────┐                                          │
  │ [OPTIONAL] USER SELECTS   │←──────┐                                  │
  │ "EDIT PROFILE"            │       │                                  │
  └──────────────────────────┘       │                                  │
          │                          │                                  │
          ↓                          │                                  │
  ┌──────────────────────────┐       │                                  │
  │ UPDATE PERSONAL DATA      │       │                                  │
  │ (NAME/CONTACT/PROFILE     │       │                                  │
  │ PHOTO)                    │       │                                  │
  └──────────────────────────┘       │                                  │
          │                          │                                  │
          ↓                          │                                  │
  ┌──────────────────────────┐       │                                  │
  │ SAVE UPDATES              │       │                                  │
  └──────────────────────────┘       │                                  │
          │         UPDATE SUCCESSFUL?│                                  │
          ↓                          │                                  │
         ◇◇◇───────────────────────┘                                  │
          │ YES                                                          │
          ↓                                                              │
  ┌──────────────────────────┐                                          │
  │ SHOW UPDATE CONFIRMATION  │                                          │
  └──────────────────────────┘                                          │
          │                                                              │
          ↓                                                              │
         ●───────────────────────────────────────────────────────────┘
```

For a better view of the diagram
📄 2.pdf
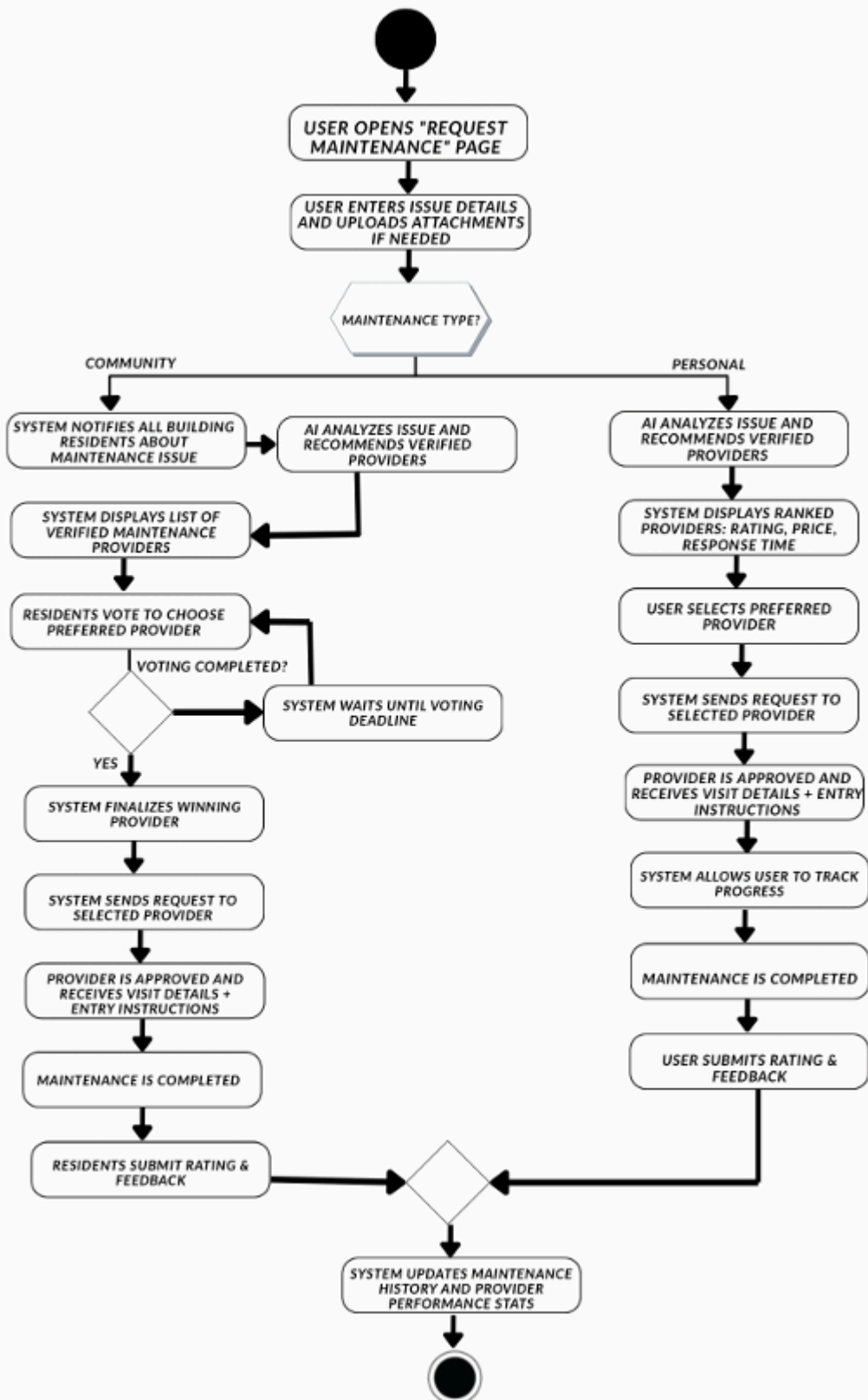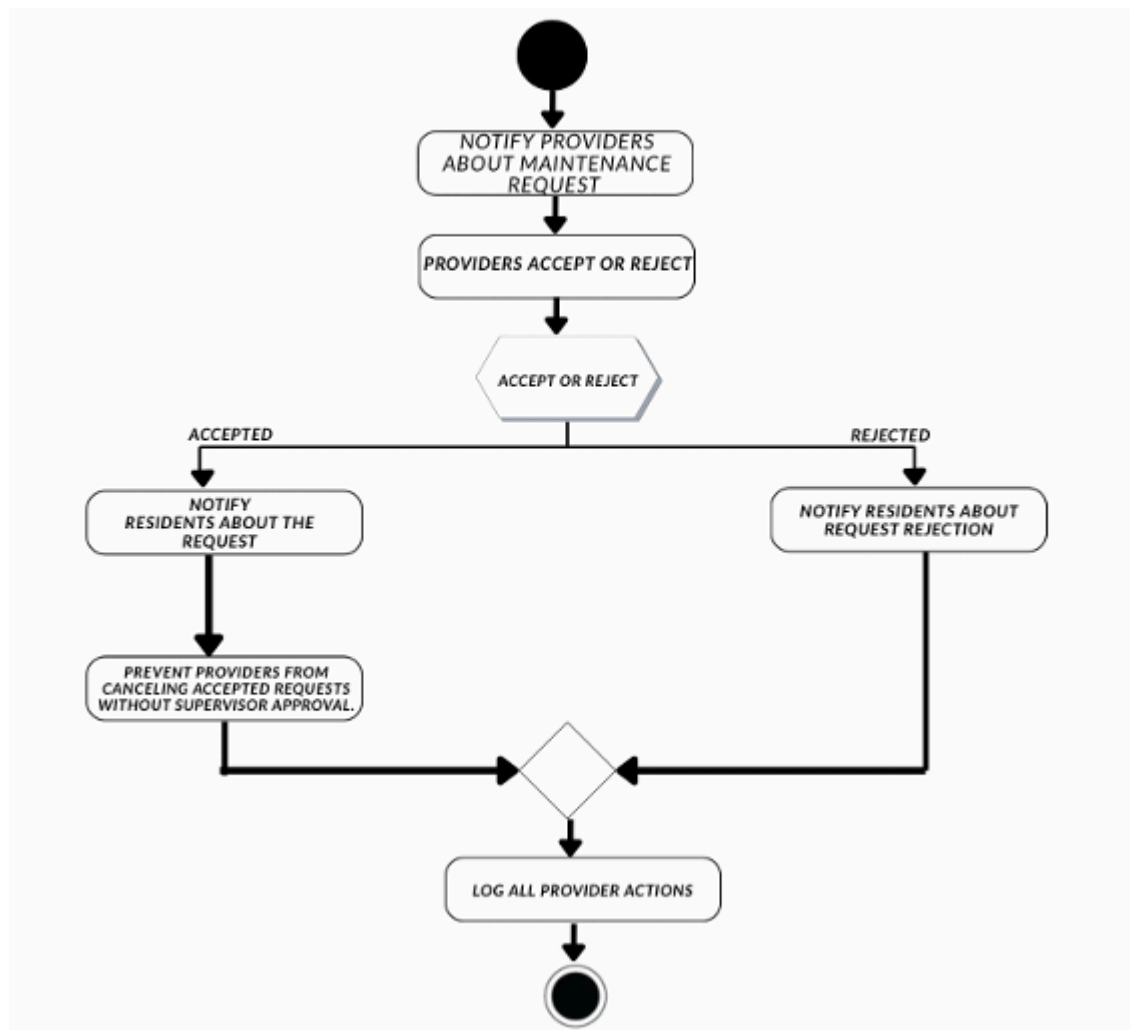
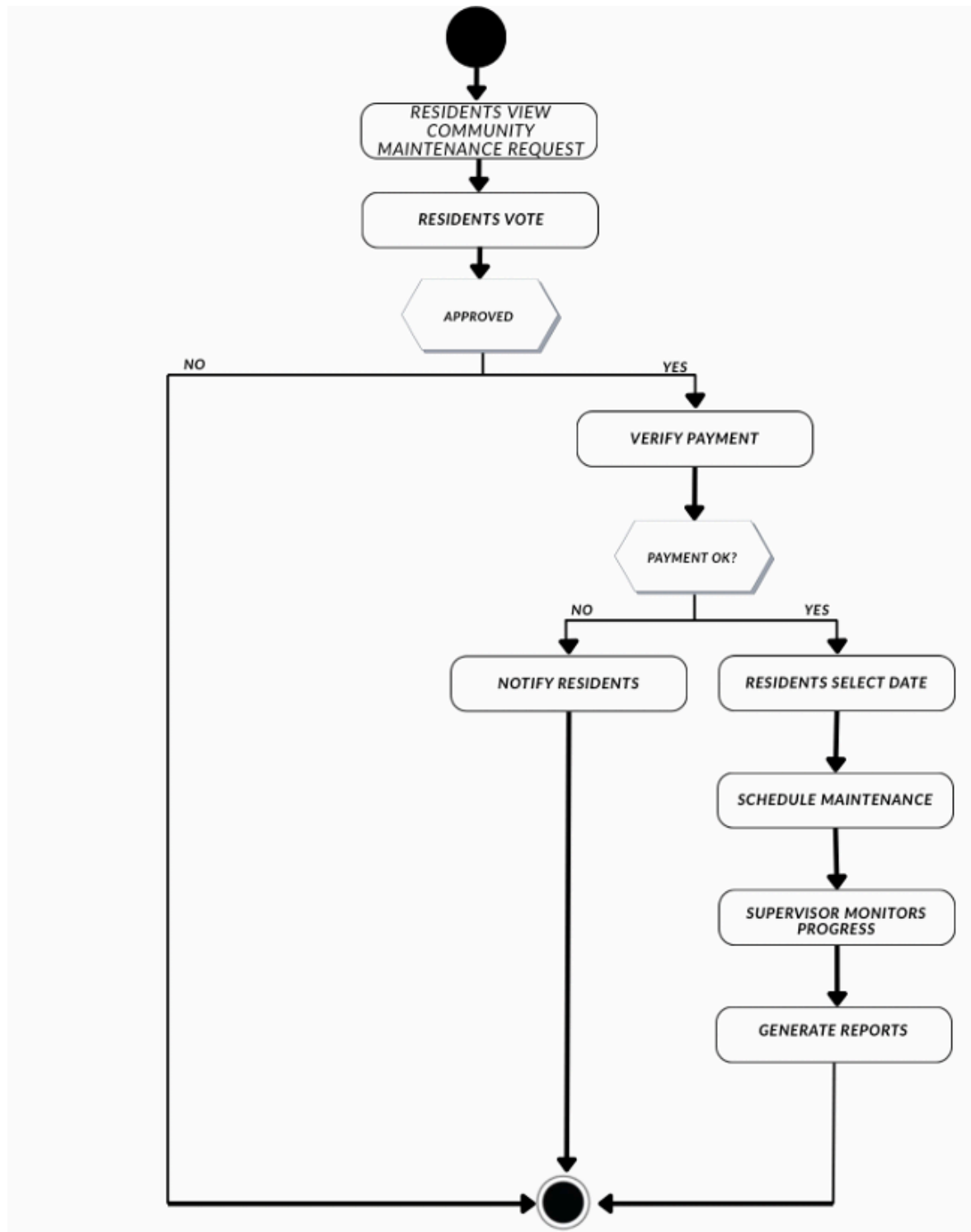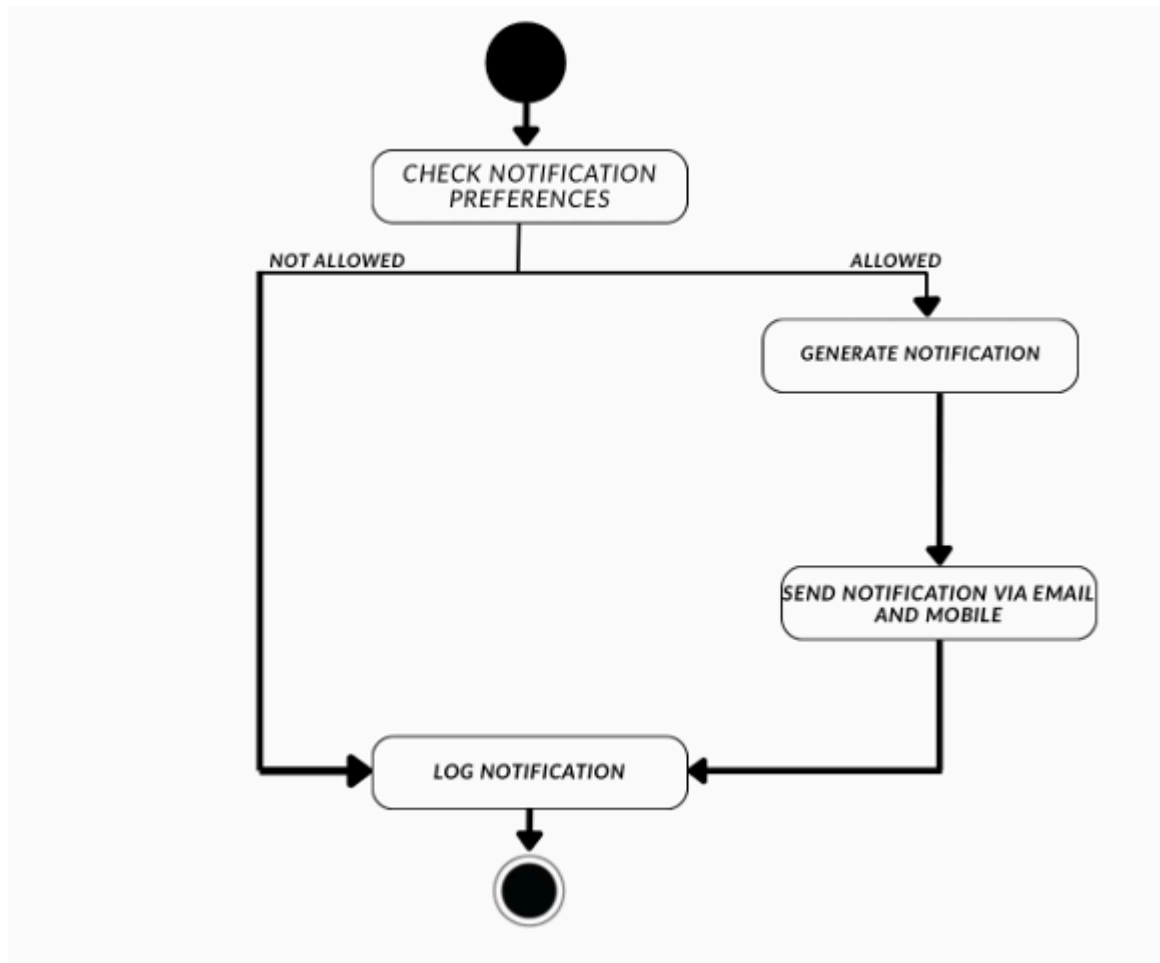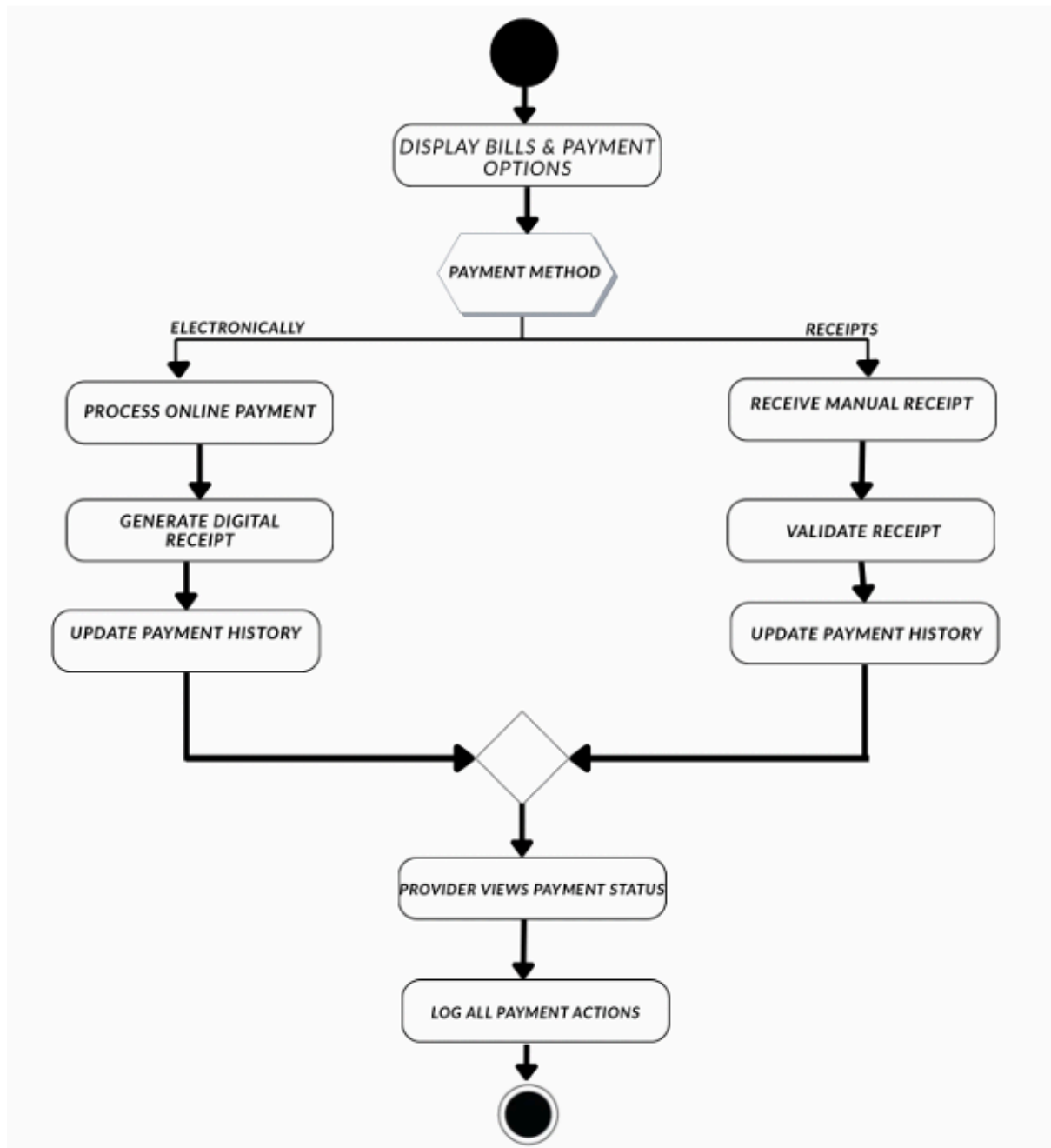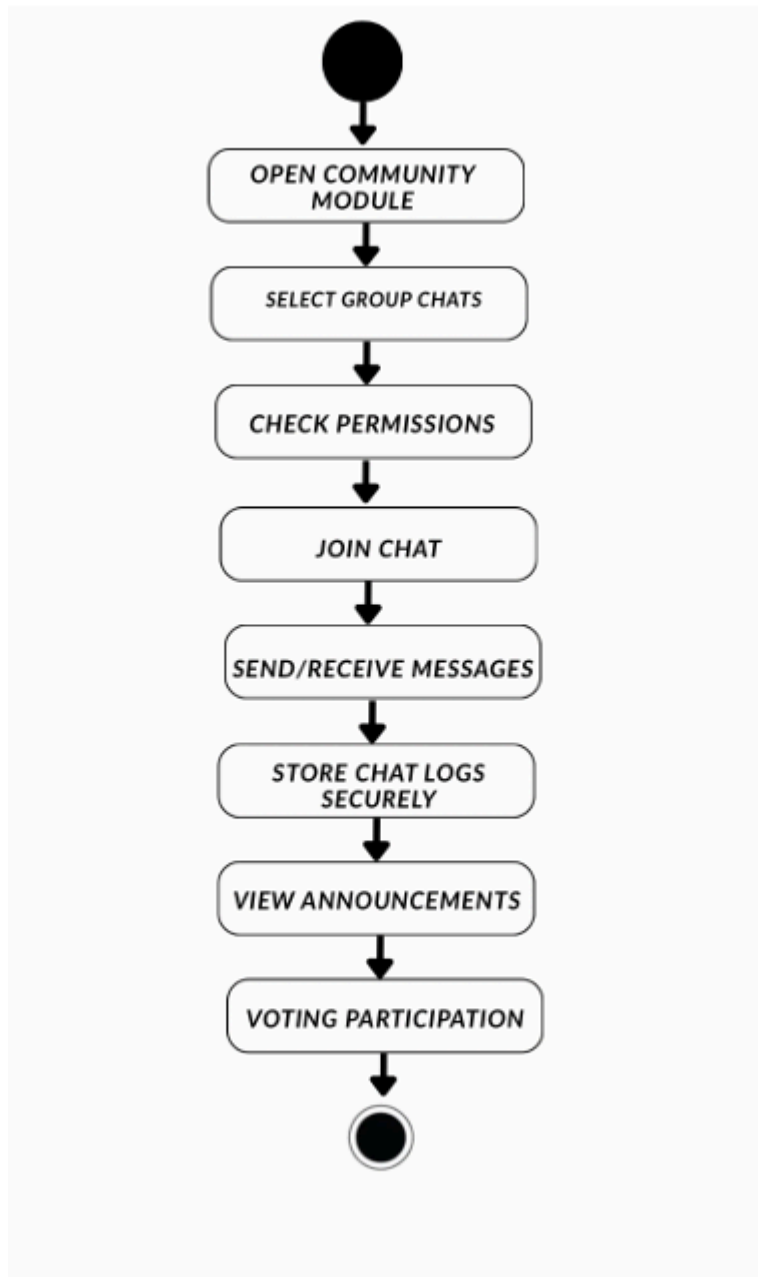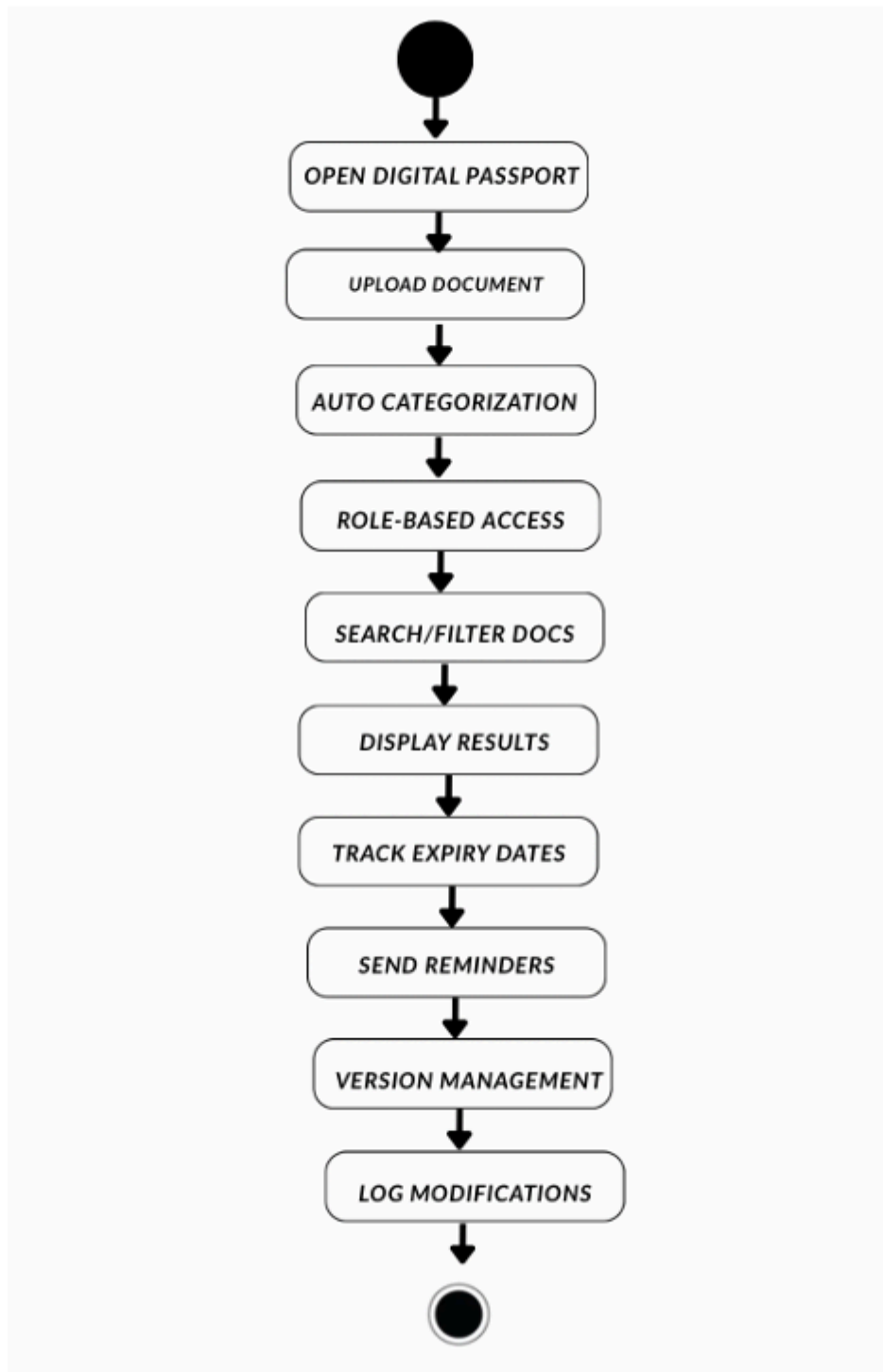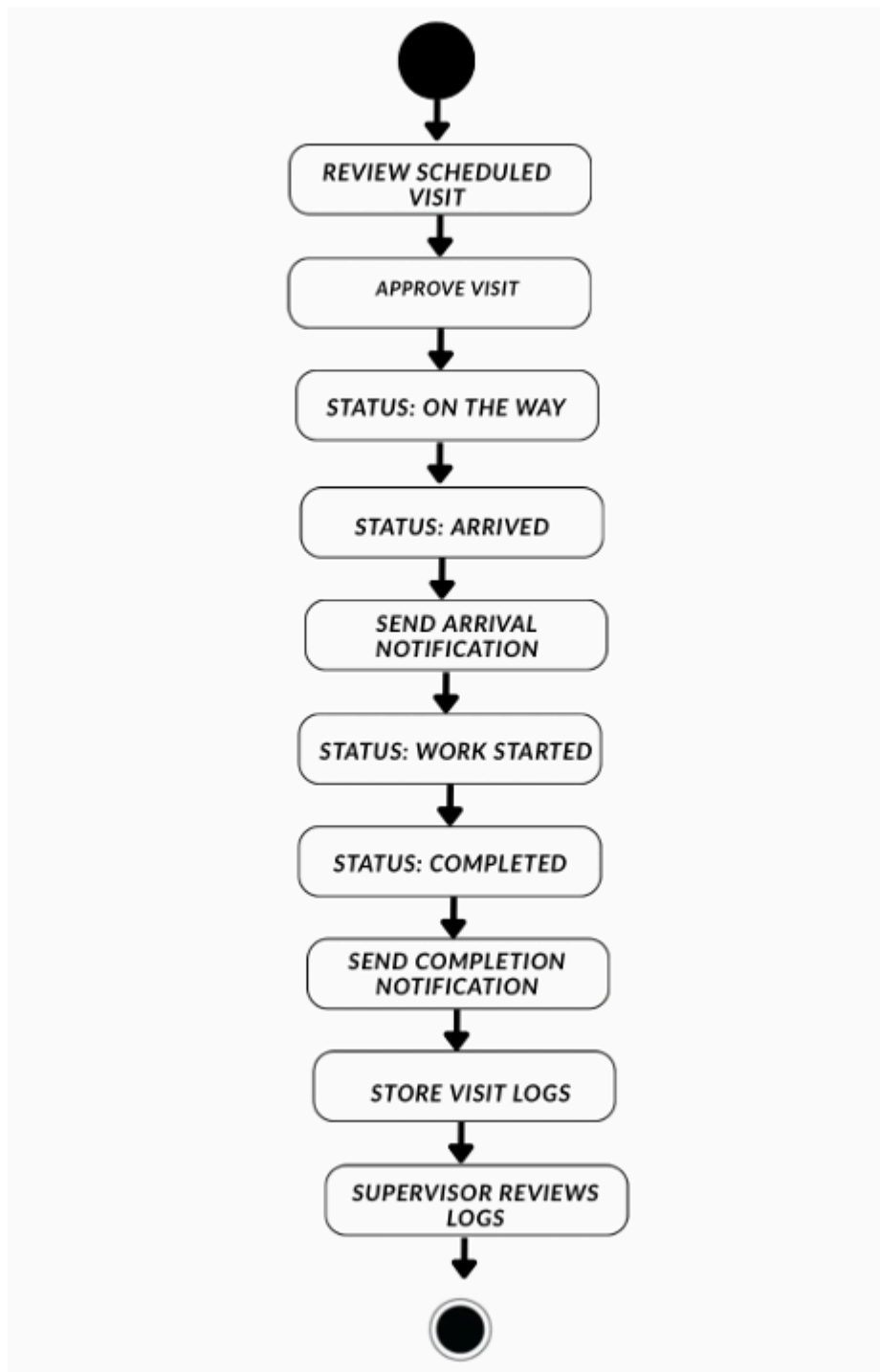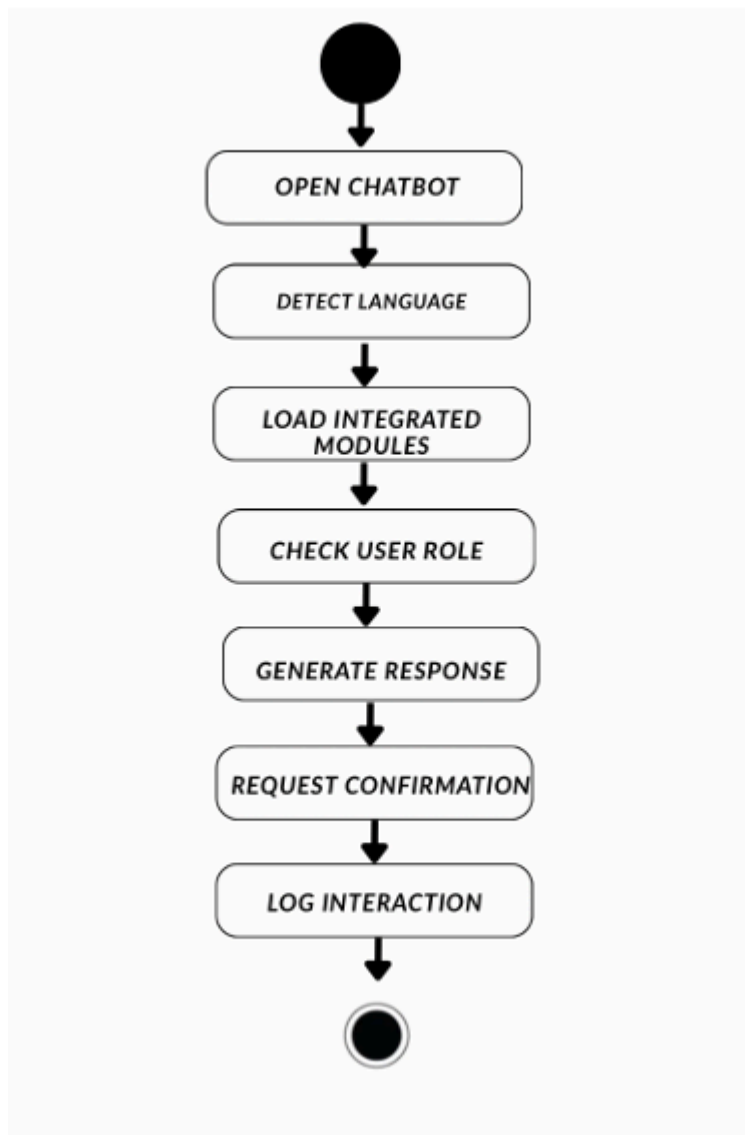For a better view of the diagram

For a better view of the diagram

4.pdf

For a better view of the diagram
📄 5.pdf

NOTIFY PROVIDERS
ABOUT MAINTENANCE
REQUEST

PROVIDERS ACCEPT OR REJECT

ACCEPT OR REJECT

ACCEPTED

REJECTED

NOTIFY
RESIDENTS ABOUT THE
REQUEST

NOTIFY RESIDENTS ABOUT
REQUEST REJECTION

PREVENT PROVIDERS FROM
CANCELING ACCEPTED REQUESTS
WITHOUT SUPERVISOR APPROVAL.

LOG ALL PROVIDER ACTIONS

For a better view of the diagram
6.pdf

For a better view of the diagram

PDF 7.pdf

For a better view of the diagram

For a better view of the diagram

For a better view of the diagram

For a better view of the diagram
PDF</image> 11.pdf

For a better view of the diagram

PDF 12.pdf

For a better view of the diagram
📄 13.pdf