STAKEHOLDER ENGAGEMENT APP DATABASE DESIGN (FIREBASE DATABSE)

Stakeholder Engagement App DB

```
|
├── departments
|   ├── department_id (Auto-generated)
|   |   - name: string
|   |   - head: reference (to employee document)
|
├── employees
|   ├── employee_id (Auto-generated)
|   |   - name: string
|   |   - role: string
|   |   - department: reference (to department document)
|   |   - user_profile: reference (to user_profile document)
|
├── user_profiles
|   ├── profile_id (Auto-generated)
|   |   - owner: reference (to employee document)
|   |   - previous_owners: array (array of references to employee documents)
|   |   - permissions: map (key-value pairs of permissions)
|
├── engagements
|   ├── engagement_id (Auto-generated)
|   |   - details: map
|   |   - format: string
|   |   - objectives: string
|   |   - date_time: timestamp
|   |   - creator: reference (to employee document)
|   |   - attendees: map
```

```
|
├── reminders
|   ├── reminder_id (Auto-generated)
|   |   - employee: reference (to employee document)
|   |   - engagement: reference (to engagement document)
|   |   - reminder_datetime: timestamp
|
├── registrations
|   ├── registration_id (Auto-generated)
|   |   - engagement: reference (to engagement document)
|   |   - attended: boolean
|   |   - comments: string
|
├── managers
|   ├── manager_id (Auto-generated)
|   |   - name: string
|   |   - role: string
|   |   - department: reference (to department document)
|
├── department_analytics
|   ├── department_id (Auto-generated)
|   |   - department: reference (to department document)
|   |   - completed_engagements: integer
|   |   - missed_engagements: integer
|   |   - comments: string
|
├── permissions
|   ├── permission_id (Auto-generated)
|   |   - name: string
|   |   - description: string
```