

## Top-level Collection #1: users

users

```
{uid}
  displayName : string
  email       : string
  createdAt   : timestamp
  lastLoginAt : timestamp
  settings : map
    darkModeEnabled    : boolean
    biometricEnabled   : boolean
    notificationsEnabled : boolean
    timezone           : string
```

## Subcollection A: todos (your main tasks/to-do list)

users

```
{uid}
  todos
    {todoId}
      title      : string
      description : string (optional)
      priority    : string // "low" | "medium" | "high"
      status      : string // "open" | "done"
      dueAt       : timestamp (optional)
      createdAt   : timestamp
      updatedAt   : timestamp
      completedAt : timestamp (optional)
      reminder : map (optional)
        type      : string // "time" | "location" | "both"
        notifyAt   : timestamp (optional)
        locationId : string (optional) // links to savedLocations/{locationId}
```

## Subcollection B: goals

users

{uid}

goals

{goalId}

title : string

description : string (optional)

targetDate : timestamp (optional)

status : string // "active" | "completed" | "archived"

progressPct : number // 0–100

createdAt : timestamp

updatedAt : timestamp

completedAt : timestamp (optional)

## Subcollection C: habits + subcollection habitLogs

users

{uid}

habits

{habitId}

name : string

createdAt : timestamp

isActive : boolean

streak : number

lastDoneOn : string // "YYYY-MM-DD" (easy streak calc)

habitLogs

{logId}

date : string // "YYYY-MM-DD"

completed : boolean

completedAt : timestamp (optional)

### Subcollection D: workSessions

```
users
{uid}
  workSessions
    {sessionId}
      date      : string    // "YYYY-MM-DD"
      startTime : string    // "HH:mm"
      endTime   : string    // "HH:mm"
      hourlyPay  : number
      hours      : number    // computed or stored
      earnings   : number    // computed or stored
      notes      : string (optional)
      createdAt  : timestamp
```

### Subcollection E: expenses

```
users
{uid}
  expenses
    {expenseId}
      date      : string    // "YYYY-MM-DD"
      name      : string    // e.g., "Grocery"
      type      : string    // e.g., "Food" | "Transport" | ...
      amount    : number
      usedFor   : string (optional) // "Walmart, Uber..."
      createdAt : timestamp
```

### Subcollection F: notes

```
users
{uid}
  notes
    {noteId}
      title    : string
      body     : string
      createdAt : timestamp
      updatedAt : timestamp
      pinned   : Boolean
```

### **Subcollection G: savedLocations**

users

```
{uid}
  savedLocations
    {locationId}
      label      : string  // "Home", "Campus"
      lat        : number
      lng        : number
      radiusMeters : number
      createdAt  : timestamp
```

### **Subcollection H: reminders**

users

```
{uid}
  reminders
    {reminderId}
      targetType : string  // "todo" | "goal" | "habit"
      targetId   : string  // id of todo/goal/habit
      mode       : string  // "time" | "location"
      notifyAt   : timestamp (optional)
      locationId : string (optional)
      trigger     : string (optional) // "enter" | "exit"
      enabled    : boolean
      createdAt  : timestamp
```

### **Top-level Collection #2: deviceTokens**

deviceTokens

```
{token}
  uid      : string
  platform : string  // "ios"
  enabled  : boolean
  createdAt : timestamp
  lastSeenAt : timestamp
```

Example:

Users

uid\_Aravind123  
displayName: "Aravind"  
email: "aravind@email.com"  
settings:  
 darkModeEnabled: true  
 biometricEnabled: true

todos

todoA  
 title: "Submit iOS assignment"  
 priority: "high"  
 status: "open"  
 dueAt: 2026-02-20T18:00:00Z  
 reminder:  
 type: "time"  
 notifyAt: 2026-02-20T17:00:00Z

workSessions

session1  
 date: "2026-02-16"  
 startTime: "09:00"  
 endTime: "17:00"  
 hourlyPay: 20  
 hours: 8  
 earnings: 160  
 notes: "Shift at store"

expenses

exp1  
 date: "2026-02-16"  
 name: "Grocery"  
 type: "Food"  
 amount: 25.50  
 usedFor: "Walmart"

deviceTokens

fcmToken\_ABC

uid: "uid\_Aravind123"  
platform: "ios"  
enabled: true