

## **User Stories**

### ***For Students***

#### **1. *Check Lecturer Availability***

- As Vusi, I want to view a lecturer's real-time available slots so I can choose a time that fits my schedule.
- Acceptance Criteria:
  - Calendar displays green (available)/red (booked) slots.
  - Tooltip shows lecturer's constraints (e.g "No meetings on Fridays").

#### **2. *Request a Meeting***

- As Vusi, I want to submit a meeting request with a purpose note (e.g., "Thesis feedback") so the lecturer can prepare.
- Acceptance Criteria:
  - Required field: "Meeting Purpose" (max 200 chars).
  - Auto-email confirmation to student.

### ***For Lecturers***

#### **3. *Approve/Reject Requests***

- As Dr Msomi , I want to approve/reject requests with one click and suggest alternatives if needed.
- Acceptance Criteria:
  - Buttons: "Approve" , "Reject" , "Suggest New Time".
  - Rejection requires a reason (e.g., "Conflict with department meeting").

#### **4. *Set Recurring Availability***

- As Dr. Msomi , I want to block every Wednesday afternoon for research so students can't book those slots.
- Acceptance Criteria:
  - "Recurring Unavailable" option in calendar settings.

### ***For Admins***

#### **5. *Calendar Sync***

- As Vusi, I want to sync lecturer calendars with Outlook/Google Calendar to avoid double bookings.
- Acceptance Criteria:
  - API integration with 2 authentication.
  - Log sync errors for debugging.

### 6. *Emergency Slot Override*

- As Vusi, I want to force-cancel all meetings during exam weeks so lecturers can focus on grading.
- Acceptance Criteria:
  - Bulk cancellation tool with notification emails.

### 3. *Technical Edge Cases*

- **Student Story:** "What if two students request the same slot simultaneously?"
  - First-come-first-served with real-time slot locking.
- **Lecturer Story:** "What if a lecturer is sick?"
  - "Mark as Unavailable" button triggers student notifications.