1. Consumer Object

- **Reference File Description:**
  Tracks customer details like name, contact information, and consumer status (Student or Employee).
  Fields:
    - Name: Stores the customer's name.
    - Phone Number: Ensures validation for 10-digit numbers.
    - Email: Used for communication.
    - Address: Stores the customer's physical address.
    - Consumer Status: A picklist to classify the customer as a Student or Employee.
- **Video Component Explanation:**
  In the video, the Consumer Object might be demonstrated via a customer registration form or a database view where user details (like name, email, phone, and status) are recorded. Validation rules for mandatory fields (Phone and Email) ensure data consistency.

2. Laptop Bookings Object

- **Reference File Description:**
  Handles booking details like laptop type, processor configuration, and rental duration.
  Fields:
    - Laptop Name: (Dell, Acer, HP, MAC).
    - Core Type: Specifies processor type (i3, i5, i7, etc.).
    - Email: Links the booking to a customer.
    - Rental Duration: Specifies the duration of the rental.
    - Laptops Available: Tracks inventory availability.
- **Video Component Explanation:**
  Likely shown as a booking form where users can select a laptop and specify rental details. Integration with inventory ensures laptops are booked only if available, with fields to input processor type and rental duration.

3. Total Laptops Object

- **Reference File Description:**
  Monitors inventory and availability of laptops.

Fields:

- Total Laptops: Total stock of laptops.
- Laptops Available: Laptops currently in stock.
- Laptops Delivered: Tracks rented laptops.

- **Video Component Explanation:**

  A dashboard or a table view displaying real-time inventory details, where admins can monitor stock and delivery status. Changes in inventory when a booking is made or returned are automatically reflected.

4. Billing Process Object

- **Reference File Description:**

  Automates billing and payment processing.
  Fields:

  - Billing Process Name: Identifies the billing transaction.
  - Amount: Total cost of the rental.
  - Laptop Booking: Links billing to a booking record.
  - Payment Mode: Specifies payment type (Credit Card, Debit Card, Cash).

- **Video Component Explanation:**

  Demonstrated as a billing workflow where the system generates an invoice upon booking. The payment mode (e.g., Credit Card) and rental cost are shown in the generated receipt or billing summary.

5. User Profiles and Roles

- **Reference File Description:**

  Defines permissions for different user types:

  - **Agent Profile:** Limited to managing bookings and customer details.
  - **Owner Profile:** Full access to manage all functionalities.

- **Video Component Explanation:**

  Role-specific dashboards or access control might be highlighted, showcasing how agents can only view bookings, while owners access inventory, billing, and reporting features.

6. Automation with Flows

- **Reference File Description:**
  Custom flows automate booking processes, including inventory updates.
- **Video Component Explanation:**
  Likely depicted as real-time booking automation, where choosing a laptop automatically updates inventory and triggers customer email notifications. Flows also streamline rental approval workflows.

7. Apex Triggers and Classes

- **Reference File Description:**
    - **Apex Class (LaptopBookingHandler):** Handles email notifications.
    - **Apex Trigger (LaptopBooking):** Executes email notifications on booking creation or updates.
- **Video Component Explanation:**
  The trigger functionality is shown through email notifications sent upon successful booking or updates, ensuring communication with the customer.

8. Reports

- **Reference File Description:**
  Report showing rental earnings by processor type (e.g., Core i3, i5, i7).
- **Video Component Explanation:**
  Likely shown as a tabular or graphical report summarizing financial data. Reports display processor types rented most often and their corresponding revenue.

9. Dashboards

- **Reference File Description:**
  Dashboard includes a donut chart for earnings distribution by laptop type.
- **Video Component Explanation:**
  Shown as an interactive dashboard where admins view earnings visually segmented by laptop processor types, offering quick insights.

10. Conclusion

- **Reference File Description:**

Summarizes the project as a comprehensive CRM solution for laptop rentals, emphasizing its scalability, automation, and ease of use.

- **Video Component Explanation:**
  Likely a concluding slide or narration highlighting how the application simplifies operations and enhances customer satisfaction through efficient workflows and real-time insights.