Activity Diagram: Register Member

Librarian | **System**

Librarian swim lane:

- (start) →
- **Initiate Member Registration** →
- **Enter Member Details (name/email/phone/pwd)** →
- **Re-enter Member Details** → (end)
- **Informed of Duplicate** → (end)
- **Registration Confirmed** → (end)

System swim lane:

- **Validate Input Fields** →
- **Input Valid?**
  - Yes → **Check for Duplicate Emails**
  - No → **Display Validation Errors** → (back to Re-enter Member Details)
- **Email Exists?**
  - No → **Create Member Account**
  - Yes → **Notify Duplicate Account** → (Informed of Duplicate)
- **Create Member Account** →
- **Assign Unique Member ID** →
- **Send Confirmation Email** → (Registration Confirmed)