

**Deccan Education Society's (DES)
Pune University, Pune
School of Engineering and Technology
Department of Computer Engineering and Technology
Program: B. Tech in Computer Science and Engineering**

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Subject: Software Engineering		
Assignment No.: 3		
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Lab Assignment: 03

- **Title:** Write user stories using Miro/Jira

User Stories

1. Branch Manager at IDBI Bank

User Story 1: Real-time Vault Balance Display

1. The vault balance updates automatically without requiring a manual refresh.
2. Any transaction affecting the vault balance reflects within 5 seconds.
3. The displayed balance remains accurate across all bank branches.
4. Users can view a history of recent balance changes.
5. Unauthorized users cannot access the vault balance data.

User Story 2: Accurate Account Tracking

1. All opened and closed accounts are displayed correctly in the system.
2. Account status updates immediately after any transaction.
3. Users can filter and search for specific account statuses.
4. Inactive or closed accounts are not available for new transactions.
5. Any discrepancies trigger an automated alert to the admin.

User Story 3: Functional Locker Visit Scheduling

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1. Users can select and book available locker visit slots.
 2. A confirmation message is sent after a successful booking.
 3. Users cannot double-book or select unavailable slots.
 4. The system allows users to cancel or reschedule locker visits.
 5. A daily report of scheduled locker visits is accessible to the branch manager.
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2. Second-Year B-Tech Student

User Story 1: Accurate Payment Processing

1. Payments process successfully and update the user's access instantly.
2. A confirmation receipt is generated for every successful payment.
3. Failed transactions do not result in double charges.
4. Users receive real-time payment status updates.
5. Any payment failure logs an error for further review.

User Story 2: Support for Multiple Payment Methods

1. The system supports credit/debit cards, UPI, wallets, and net banking.
 2. Users can switch payment methods if one fails.
 3. All payment methods follow secure encryption protocols.
 4. Refunds process correctly in case of failed payments.
 5. Users can view their payment history and download invoices.
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3. Customer (Software Engineer) Using Uber

User Story 1: Smooth App Loading

1. The Uber app loads within 3 seconds under normal network conditions.

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2. A loading indicator is displayed while fetching ride details.
3. Users do not experience frequent app crashes.
4. The app remains responsive even with high user traffic.
5. A fallback message appears if the server is down.

User Story 2: OTP Delivery for Authentication

1. OTP is delivered within 5 seconds of request.
2. Users can request a new OTP if the first one is not received.
3. The system prevents multiple failed OTP attempts to enhance security.
4. OTP is correctly validated before allowing login.
5. Users receive an alternative login method if OTP fails consistently.

User Story 3: Accurate Fare Calculation

1. The final ride fare does not exceed the estimated fare beyond acceptable limits.
2. Surge pricing is clearly displayed before confirming a ride.
3. Promo codes and discounts apply correctly.
4. The invoice provides a transparent breakdown of fare components.
5. Users can dispute overcharges through the app.

4. Purchase Manager of Seafood

User Story 1: Real-time Inventory Updates

1. New stock updates reflect in the inventory within 10 seconds.
2. Users can verify stock updates through transaction logs.
3. Inventory changes are synchronized across multiple locations.
4. The system prevents duplicate stock entries.

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5. Any failed update triggers an automated alert.

User Story 2: Notification for Failed Stock Updates

1. If stock updates fail, an alert is sent to the manager.
 2. Error logs detail the cause of update failures.
 3. Users receive an option to manually retry failed updates.
 4. The system prevents transactions on incorrect stock data.
 5. A summary of all failed updates is available in the dashboard.
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5. IT Sector User (Tax and Budget Calculation)

User Story 1: Accurate Financial Tracking

1. Income and expense records update instantly after entry.
2. Users can filter transactions based on date and category.
3. The system prevents duplicate transaction entries.
4. Historical financial data is available for at least 5 years.
5. Any incorrect transaction can be edited or deleted by the user.

User Story 2: Tax & Budget Calculation

1. Tax calculations are based on the latest tax regulations.
2. Users can input projected expenses to estimate future budgets.
3. The system provides visual graphs for financial trends.
4. Users receive alerts if expenses exceed the budget limit.
5. Exporting financial reports to PDF or Excel is supported.