

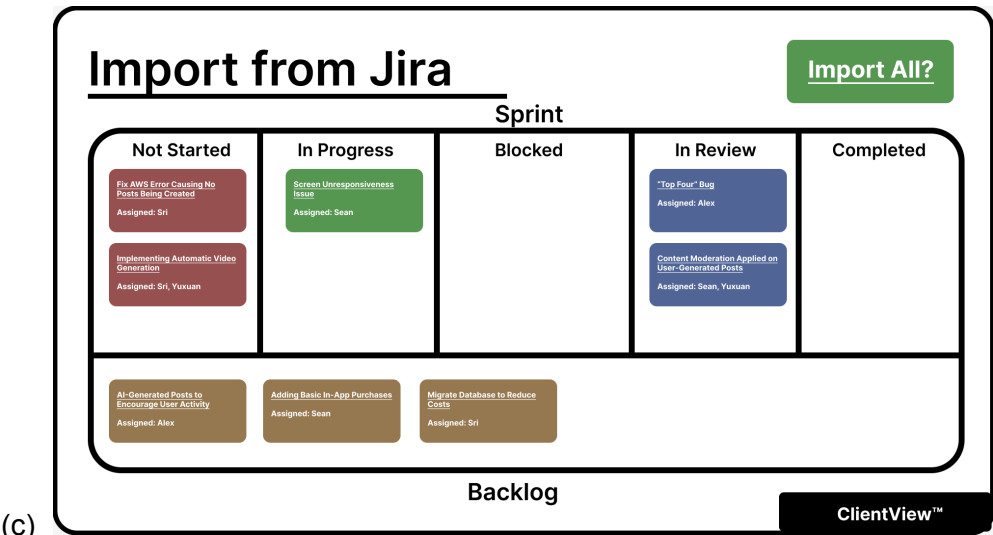
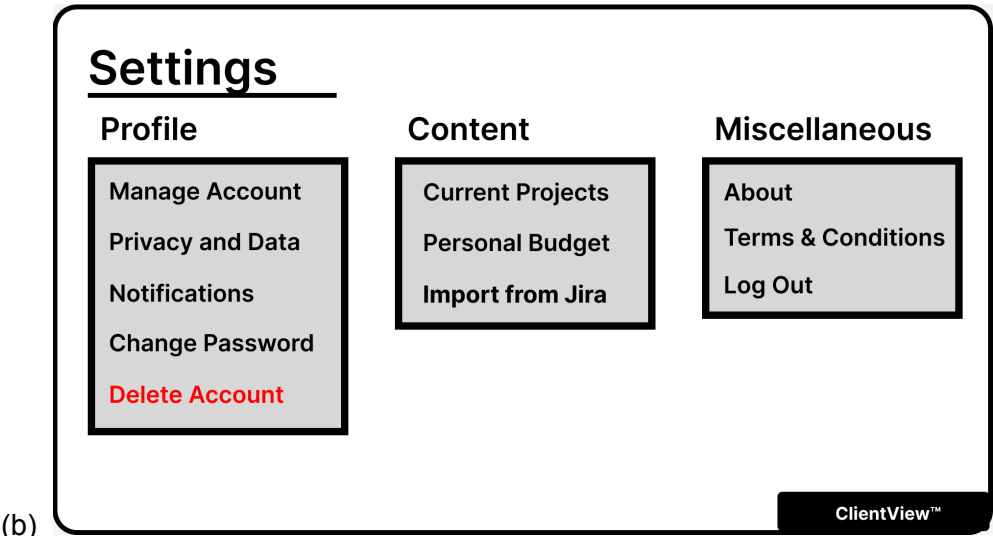
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Process Deliverable

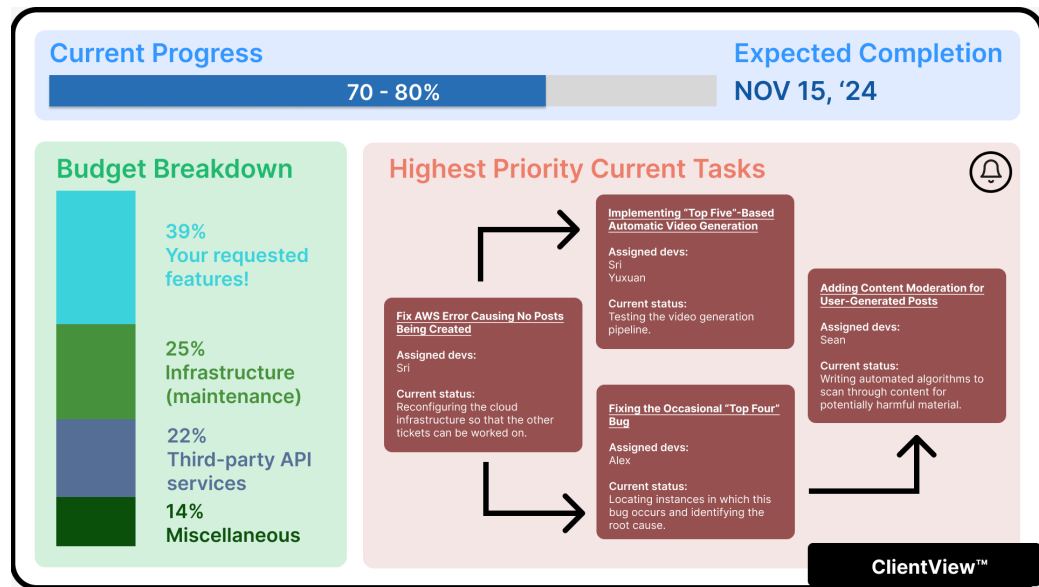
Based on our overall project goals and the specific requirements that we have prioritized, we wanted to add two new features to our prototype.

- (1) First, we added a demonstration within the prototype of the feature to import items from Jira, including sprints, the contained issues, user stories, the backlog, etc. We decided on this because one of our primary goals was to portray a simpler-to-use interface than Jira while still conveying sufficient information to clients, so this feature would allow for the same information to literally be imported.

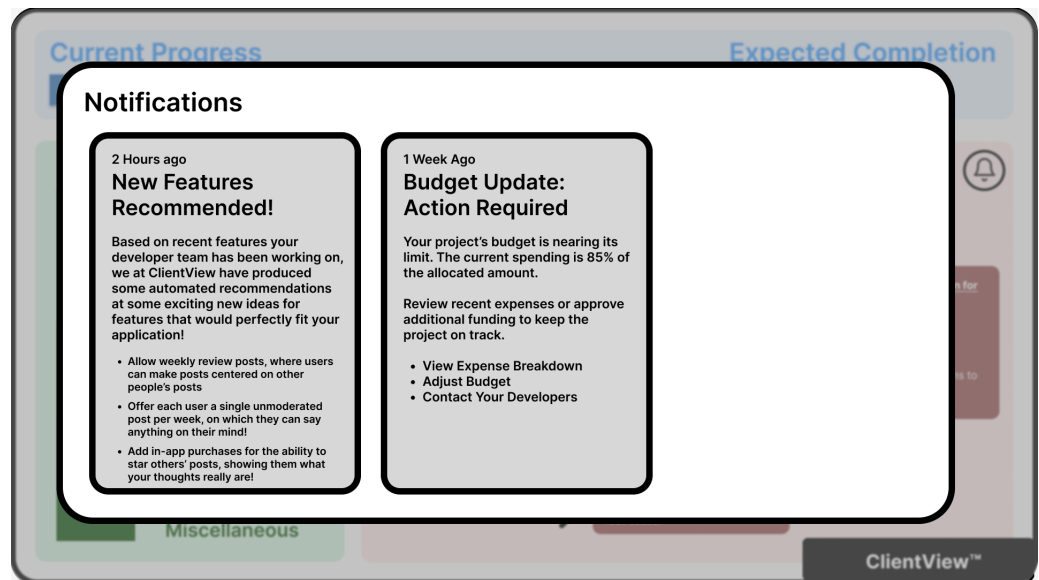
(a) You, as the user, can reach this feature through the Settings screen.



- (2) We also added the ability to automatically recommend to clients what other features may provide user value given what tasks the developers have recently completed. Since all of our high-priority requirements involved providing clients some value out of the dashboard, we thought that it might attract them to use our software more often if we went above and beyond and showed different ways that they could increase traction on the app that the developers are building.
- (a) You, as the user, receive notifications for these, which you can view by pressing on the bell icon.



(b)



(c)

Black Box Test Plan

Test Case 1: View Project Progress Dashboard

Test ID	Description	Expected Results	Actual Results
Test Name: View Project Progress Dashboard Test Author: Dev Team Test Type: Functional	Preconditions: - User is logged in - At least one project exists in the system Steps: 1. Navigate to dashboard 2. Select specific project 3. View progress bar and task lists Test Inputs: - Project selection: "ClientView Development"	- Progress bar displays % complete - Tasks categorized as "Completed" or "Ongoing" - Task list visible with status indicators	N/A

Test Case 2: Real-Time Data Synchronization

Test ID	Description	Expected Results	Actual Results
Test Name: Jira Data Sync Verification Test Author: Dev Team Test Type: Integration	Preconditions: - Jira integration configured - Test project exists in both systems Steps: 1. Update task status in Jira 2. Wait 30 seconds 3. Check ClientView dashboard Test Inputs: - Change Jira task "Setup Database" from "In Progress" to "Done"	- Dashboard reflects updated status within 30 seconds - Progress indicators updated automatically	N/A

Test Case 3: Task Dependency Visualization

Test ID	Description	Expected Results	Actual Results
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Test Name: View Task Dependencies Test Author: Dev Team Test Type: Functional	Preconditions: - Project contains tasks with dependencies Steps: 1. Select project 2. Navigate to dependency view 3. Click on specific task Test Inputs: - Task selection: "Frontend Development"	- Dependency graph displayed - Connected tasks highlighted	N/A
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Test Case 4: Performance Under Load

Test ID	Description	Expected Results	Actual Results
Test Name: Dashboard Load Time Check Test Author: Dev Team Test Type: Performance	Preconditions: - Project contains 100+ tasks Steps: 1. Clear browser cache 2. Load project dashboard 3. Measure load time Test Inputs: - Project with 100 tasks and dependencies	- Initial load completed within 2 seconds - All data visible and accurate	N/A

Test Case 5: Project Timeline View

Test ID	Description	Expected Results	Actual Results
Test Name: Timeline Visualization Check Test Author: Dev Team Test Type: Functional	Preconditions: - Project timeline data exists Steps: 1. Navigate to timeline view 2. Review milestone markers 3. Check completion estimates Test Inputs: - Timeline period: Current sprint	- Timeline displayed with clear milestones - Estimated completion dates visible - Progress indicators accurate	N/A

Test Case 6: Team Workload Distribution

Test ID	Description	Expected Results	Actual Results
Test Name: Team Member Task Assignment View Test Author: Dev Team Test Type: Functional	Preconditions: - Multiple team members with assigned tasks Steps: 1. Navigate to team view 2. Select team member 3. Review assigned tasks Test Inputs: - Team member selection: "Lead Developer"	- List of assigned tasks visible - Task status indicators present - Workload metrics displayed	N/A

Test Case 7: Client Access Control

Test ID	Description	Expected Results	Actual Results
Test Name: Client Permission Verification Test Author: Dev Team Test Type: Security	Preconditions: - Client user account created - Project associated with client Steps: 1. Login as client 2. Attempt to access various features 3. Verify restrictions Test Inputs: - Client credentials	- Access granted to authorized pages only - Sensitive data properly restricted	N/A

Test Case 8: Error Handling

Test ID	Description	Expected Results	Actual Results
Test Name: System Error Response Test Author:	Preconditions: - System operational Steps: 1. Simulate Jira connection	- Error message displayed - Retry option available	N/A

Dev Team	failure 2. Attempt dashboard refresh	- Last valid data still visible	
Test Type: Error Handling	Test Inputs: - Network disconnect simulation		

Test Case 9: Progress Report Generation

Test ID	Description	Expected Results	Actual Results
Test Name: Client Report Export	Preconditions: - Project contains reportable data	- Report generated successfully	N/A
Test Author: Dev Team	Steps: 1. Navigate to reports section 2. Select report parameters 3. Generate report	- All project metrics included	
Test Type: Functional	Test Inputs: - Report type: "Monthly Progress"	- Format matches requirements	

Test Case 10: System Recovery

Test ID	Description	Expected Results	Actual Results
Test Name: System Recovery Verification	Preconditions: - System in normal operation state	- System recovers within 5 minutes	N/A
Test Author: Dev Team	Steps: 1. Simulate system failure 2. Monitor recovery process 3. Verify data integrity	- All data preserved	
Test Type: Recovery	Test Inputs: - System restart trigger	- Services properly restored	