

Quick Start - Testing Timesheet Fixes

Status:  All fixes implemented and committed

Commit: `be50397` - "Fix timesheet calculation, file upload, and sendToAgency enum issues"

Branch: `expenses-structure`

What Was Fixed

1. Timesheet Amount Calculation

- **Problem:** UI was adding amounts twice (totalAmount + expenses when totalAmount already included expenses)
- **Fix:** Updated detail page to use correct amount fields and display totalAmount directly
- **Result:** Amounts now display correctly without duplicate addition

2. File Upload During Timesheet Creation

- **Problem:** Files uploaded during creation used fake URLs and never appeared in detail page
- **Fix:** Implemented real S3 upload and TimesheetDocument creation
- **Result:** Files now visible in detail page document list

3. sendToAgency MarginType Enum Error

- **Problem:** Code used lowercase "fixed" but Prisma expects uppercase "FIXED" enum
- **Fix:** Added enum normalization in MarginService
- **Result:** sendToAgency works without enum errors

Git Status

```

 All changes committed locally
 Commit hash: be50397
 Branch: expenses-structure
 Not pushed yet - you need to push manually
  
```

To Push Changes:

```

cd /home/ubuntu/payroll-saas
git push origin expenses-structure
  
```

Quick Testing Guide

Test 1: Create Timesheet with Files (5 min)

```
# 1. Start the app
npm run dev

# 2. Login and navigate to Timesheets
# 3. Click "Add Timesheet"
# 4. Fill in:
- Contract: [select any]
- Date range: [this week]
- Upload timesheet document (PDF)
- Add expense with receipt
# 5. Submit
# 6. Click on created timesheet
# 7.  Verify files appear in document list
```

Test 2: Verify Amount Display (2 min)

```
# In the timesheet detail page, verify:
 Work Amount: Shows hours × rate
 Expenses: Shows sum of expense amounts
 Total Amount: Shows final total
 NOT showing: Work Amount + Expenses again
```

Test 3: Send to Agency (3 min)

```
# 1. As admin, approve the timesheet
# 2. Click "Send to Agency"
# 3.  Verify no MarginType enum error
# 4.  Verify invoice created successfully
# 5. Check invoice has correct amounts
```

Detailed Testing

See **TIMESHEET_FIXES_SUMMARY.md** for:

- Complete testing checklist
- Edge case testing
- Database verification queries
- Debug commands

Files Modified

- prisma/schema.prisma (documentation only, no migration needed)
- lib/services/MarginService.ts (added `enum` normalization)
- components/timesheets/TimesheetSubmissionForm.tsx (real S3 upload)
- app/(dashboard)/(modules)/timesheets/[id]/page.tsx (fixed display)
- TIMESHEET_FIXES_ANALYSIS.md (root cause analysis)
- TIMESHEET_FIXES_SUMMARY.md (comprehensive summary)

TypeScript Validation: Passed

No Database Migration Required: Schema changes were documentation only

Known Issues / Limitations

1. Legacy File Fields

`timesheetFileUrl` and `expenseFileUrl` fields still exist but are marked DEPRECATED. They're not used by new code.

2. Margin Hidden

Margin amounts are completely hidden from contractors per requirements.

3. Git Push Required

Changes are committed locally but not pushed. You need to push manually.

Next Steps

1. **Review changes** - Check the code changes in your editor
2. **Push to GitHub** - `git push origin expenses-structure`
3. **Test in development** - Follow testing guide above
4. **Test edge cases** - See comprehensive testing checklist
5. **Deploy to staging** - After local testing passes
6. **Production deployment** - After staging QA approval

Rollback Plan

If issues occur, rollback to previous commit:

```
git log --oneline # Find previous commit hash
git reset --hard <previous-commit-hash>
git push origin expenses-structure --force
```

Previous commit before fixes: `HEAD~1`

Support

Debug Commands

Check timesheet amounts:

```
SELECT id, baseAmount, marginAmount, totalExpenses, totalAmount
FROM Timesheet
WHERE id = '<timesheet_id>';
```

Check uploaded documents:

```
SELECT * FROM TimesheetDocument
WHERE timesheetId = '<timesheet_id>';
```

Check margin enum:

```
SELECT invoiceId, marginType, marginAmount
FROM Margin
WHERE invoiceId = '<invoice_id>';
```

Common Issues

Q: Files still not appearing?

A: Check browser console for upload errors. Verify S3 credentials.

Q: Still getting enum error?

A: Ensure you're on latest code. Check contract marginType field.

Q: Amounts seem wrong?

A: Check that totalAmount in DB includes all components.

Documentation

-  [TIMESHEET_FIXES_ANALYSIS.md](#) - Root cause analysis
 -  [TIMESHEET_FIXES_SUMMARY.md](#) - Complete implementation guide
 -  [This file](#) - Quick testing guide
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All fixes completed: December 10, 2025

Ready for testing: Yes

Commit: `be50397`

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