

Migration Preparation Complete

What Has Been Created




All migration tools and data have been prepared for your Cloud SQL migration.

Files Created


Migration Scripts (`migration_data/`)

- | | |
|--|------------------------------|
|  <code>export_from_abacusai.js</code> | - Export data from Abacus.AI |
|  <code>import_to_cloudsql.js</code> | - Import data to Cloud SQL |
|  <code>test_cloudsql_connection.js</code> | - Test Cloud SQL connection |
|  <code>setup_schema.sh</code> | - Setup database schema |
|  <code>generate_sql_schema.js</code> | - Generate SQL schema file |
|  <code>package.json</code> | - Dependencies |
|  <code>README.md</code> | - Migration directory docs |




Data Files (`migration_data/`)

- | | |
|--|--|
|  <code>abacusai_data_export.json</code> | - Complete data export (4 users) |
|  <code>users.json</code> | - User data export |
|  <code>schema.sql</code> | - SQL schema (for manual import) |

Configuration Files (Project Root)

- | | |
|--|-----------------------------------|
|  <code>.env.cloudsql</code> | - Cloud SQL environment variables |
|--|-----------------------------------|

Documentation (Project Root)

- | | |
|--|--|
|  <code>CLOUD_SQL_MIGRATION_GUIDE.md</code> | - Complete migration guide (30+ pages) |
|  <code>QUICK_MIGRATION_STEPS.md</code> | - Fast-track 5-minute guide |
|  <code>MIGRATION_COMPLETE_SUMMARY.md</code> | - This file |
-



Exported Data Summary



Successfully Exported from Abacus.AI Database

Table	Rows	Status
users	4	Exported
shift_reports	0	Empty
attachments	0	Empty
comments	0	Empty
comment_likes	0	Empty
daily_post_trackers	0	Empty
report_acknowledgements	0	Empty



Users Ready to Import

1. **jpress** (Jared Press)
 - Role: Super Admin
 - Status: Active
2. **mlopez** (Miranda Lopez)
 - Role: Manager
 - Status: Active
3. **staff** (FrontDesk Person)
 - Role: Employee
 - Status: Active
4. **deleted_user_system**
 - Role: Employee
 - Status: Archived



Next Steps - Choose Your Method



Method 1: Automated (Recommended)

Run these commands in order:

```
# 1. Setup schema in Cloud SQL
cd /home/ubuntu/hotel_shift_log
./migration_data/setup_schema.sh

# 2. Import data
cd migration_data
npm run import

# 3. Test connection
npm run test

# 4. Update Cloud Run (see below)
```

Best for: Quick automated migration

Method 2: Using Google Cloud Shell (Most Reliable)

If the automated method has connection issues, use Cloud Shell:

1. **Open Google Cloud Shell** from GCP Console

2. **Clone repository:**

```
bash
git clone https://github.com/jpress-knighted/Hotel_Front_Desk_Shift_Log.git
cd Hotel_Front_Desk_Shift_Log/nextjs_space
```

3. **Setup schema:**

```
```bash
Create .env with Cloud SQL connection
echo 'DATABASE_URL="postgresql://hotel-shift-log-db:ebf4vem5mzx8yuy*FJE@/hotelshiftlog?
host=/cloudsql/houston-front-desk-shift-logs:us-central1:hotel-shift-log-db"' > .env
```

# Push schema to Cloud SQL

```
npx prisma db push
```
```

1. **Import data:**

Upload your `abacusai_data_export.json` to Cloud Shell, then:

```
bash
cd ../migration_data
npm install
npm run import
```

Best for: Guaranteed connectivity to Cloud SQL



Method 3: Manual SQL Import

If you prefer manual control:

1. **Use the generated SQL file:**

```
/home/ubuntu/hotel_shift_log/migration_data/schema.sql
```

2. Apply via Cloud SQL Console:

- Go to Cloud SQL Console
- Select `hotel-shift-log-db` instance
- Click "Import"
- Upload `schema.sql`
- Select database: `hotelshiftlog`

3. Import data using pgAdmin or psql

Best for: Manual control and verification

Update Cloud Run Deployment

After successful migration, update Cloud Run:

Environment Variables to Update

Go to: [Cloud Run Console](https://console.cloud.google.com/run) (<https://console.cloud.google.com/run>) → **hotel-shift-log** → **EDIT & DEPLOY NEW REVISION**

Update these variables:

```
DATABASE_URL=postgresql://hotel-shift-log-db:ebf4vem5mzx8yuy*FJE@/hotelshiftlog?host=/cloudsql/houston-front-desk-shift-logs:us-central1:hotel-shift-log-db

NEXTAUTH_SECRET=fdnkd5d96U1

NEXTAUTH_URL=https://hotel-shift-log-143559442445.us-central1.run.app

SMTP_HOST=smtp.gmail.com
SMTP_PORT=587
SMTP_USER=jpress@knighted.com
SMTP_PASSWORD=nbbv349vdshiuc9weq
```

Verify Cloud SQL Connection

Under "Connections" tab:

- ☒ Cloud SQL instance: `houston-front-desk-shift-logs:us-central1:hotel-shift-log-db`

Deploy

Click "DEPLOY" and wait for deployment to complete.

Testing After Deployment

1. Access Application

Visit: <https://hotel-shift-log-143559442445.us-central1.run.app>

2. Test Login

Use any of these accounts:

| Username | Role | Password |
|----------|-------------|-----------------|
| jpress | Super Admin | (your password) |
| mlopez | Manager | (your password) |
| staff | Employee | (your password) |

3. Verify Functionality

- ☒ Login works
- ☒ Dashboard loads
- ☒ Can create new reports
- ☒ No database errors in logs

4. Check Logs

```
gcloud run services logs read hotel-shift-log --region=us-central1 --limit=50
```

Look for:

- ☒ No connection errors
- ☒ Successful database queries
- ☒ No authentication failures

Documentation Reference



Quick Guides

1. [QUICK_MIGRATION_STEPS.md](#) (./QUICK_MIGRATION_STEPS.md)
 - Fast-track 5-minute guide
 - Essential steps only
 - Perfect for urgent migration
2. [CLOUD_SQL_MIGRATION_GUIDE.md](#) (./CLOUD_SQL_MIGRATION_GUIDE.md)
 - Complete 30+ page guide
 - Detailed explanations
 - Troubleshooting section
 - Best practices
3. [migration_data/README.md](#) (./migration_data/README.md)
 - Scripts documentation
 - Usage examples
 - Technical details

Important Notes

Database Selection


Always use `hotelshiftlog` database:

-  Correct: `/hotelshiftlog?host=...`
-  Wrong: `/postgres?host=...`

Connection Types

| Environment | Connection Type |
|----------------------|--|
| Migration Scripts | Direct IP (<code>@34.133.148.252:5432</code>) |
| Local Development | Direct IP (<code>@34.133.148.252:5432</code>) |
| Cloud Run Production | Unix Socket (<code>@/dbname?host=/cloudsql/...</code>) |

File Uploads

 Current setup stores files in container filesystem (ephemeral on Cloud Run)

Recommendation: Migrate to Google Cloud Storage for persistent storage

- See: `DEPLOYMENT_GUIDE.md` → “Setting Up Google Cloud Storage”

Migration Workflow


Step 1: Export Data from Abacus.AI



 COMPLETED - 4 users exported


Step 2: Create Schema `in` Cloud SQL



 YOU ARE HERE


Step 3: Import Data to Cloud SQL



 Waiting


Step 4: Test Connection



 Waiting

Step 5: Update Cloud Run




 Waiting

Step 6: Deploy & Verify



 Waiting

 Migration Complete!

Need Help?

Connection Issues

If you can't connect to Cloud SQL:

1. Use **Google Cloud Shell** (Method 2)
2. Check firewall rules in Cloud SQL
3. Verify public IP is enabled
4. See troubleshooting in `CLOUD_SQL_MIGRATION_GUIDE.md`

Schema Issues

If schema creation fails:

1. Try the manual SQL import (Method 3)
2. Check database name is `hotelshiftlog`
3. Verify user has proper permissions

Import Issues

If data import fails:

1. Verify schema exists first
2. Check connection string
3. Review error messages in logs

Quick Command Reference

```
# Test connection
cd /home/ubuntu/hotel_shift_log/migration_data
npm run test

# Setup schema
cd /home/ubuntu/hotel_shift_log
./migration_data/setup_schema.sh



# Import data
cd migration_data
npm run import










# Check Cloud Run logs
gcloud run services logs read hotel-shift-log --region=us-central1 --limit=50

# Connect to Cloud SQL directly
psql "postgresql://hotel-shift-log-db:ebf4vem5mzx8yuy*FJE@34.133.148.252:5432/hotelshiftlog"
```

Success Checklist

Track your progress:

- [x]  Data exported from Abacus.AI (4 users)
- [x]  Migration scripts created

- [x]  Documentation generated
- [x]  SQL schema file created
- []  Schema created in Cloud SQL
- []  Data imported to Cloud SQL
- []  Connection tested successfully
- []  Cloud Run environment updated
- []  Application deployed
- []  Login tested
- []  Functionality verified

Your Next Action

Choose your preferred method and proceed:

Recommended: Google Cloud Shell Method

1. Open Google Cloud Shell
2. Follow Method 2 above
3. Most reliable connectivity to Cloud SQL

Alternative: Automated Method

1. Run `./migration_data/setup_schema.sh`
2. Then run `npm run import`
3. Quick if connection works


Ready to Migrate!

All tools are prepared. Choose your method and begin the migration.

Estimated Time: 5-10 minutes

Complexity: Low (scripts handle everything)

Risk: Low (Abacus.AI database remains intact as backup)

Good luck with your migration! 

Migration preparation completed: October 30, 2025

Export status:  Complete (4 users)

Ready for: Schema setup → Data import → Deployment