

SuccessFactors Roster Planning Application

SAP Business Technology Platform (BTP)

Overview

The SuccessFactors Roster Planning Application is a SAP BTP-based solution developed to manage temporary employee shift assignments through a structured planning and approval process integrated with SAP SuccessFactors.

The application enables Shift Supervisors to plan temporary shifts, L1 Managers to approve submitted plans, and employees to view their own shift schedules and approval status.

Application URL:

<https://shift-planning-app.cfapps.eu20.hana.ondemand.com/?empcode=10001704>

To access the application for different users, replace the employee code in the URL with the relevant employee number.

Please note that in the Production environment, user authentication will be handled through SSO, and the employee code parameter will no longer be required.

User Roles & Functions

1. Shift Supervisor

Shift Supervisors are responsible for planning and submitting temporary shift assignments for employees under their supervision.

Key Functions

- Plan temporary shifts for team members
- Save shift plans as draft
- Submit shift plans for L1 approval
- Verify and manage overlapping shifts
- Monitor planning status through dashboard counters

Screen: Shift Planning Workspace

WORKFORCE OPERATIONS
Roster Planning
Shift planning, approval and employee roster control

Shift Planning My Shift Plans

✓ 1 saved record(s) submitted for L1 approval. SuccessFactors sync will happen after L1 approval.

CURRENT USER
S **Sonny Carl Marie Salvador (10002795)**
Department: INFORMATION TECHNOLOGY

Shift Supervisor My Plans: 0

Team Members
30
Employees under this shift supervisor

Preview Queue
0
Assignments ready for save

Saved Plans
0
Draft records pending submit

Overlap Alerts
0
No current overlap issues

Submitted Plans
1
Pending L1 approval after submit

SHIFT PLANNING
Team Roster and Temporary Shift Assignment
Select employees, choose temporary shift, validate overlap, then save draft.

Search employees

<input type="checkbox"/>	EMPLOYEE ID	DISPLAY NAME	DEPARTMENT	MASTER SHIFT	CURRENT TEMPORARY SHIFT	CURRENT PERIOD
<input type="checkbox"/>	10000759	Abdul Salam Thoniyarayil Ayamu	INFORMATION TECHNOLOGY	Mgr1	-	-
<input type="checkbox"/>	10005841	Aditya Pratap Singh Parmar	INFORMATION TECHNOLOGY	Mgr1	-	-
<input type="checkbox"/>	10006573	Afzal Pasha Inamdar	INFORMATION TECHNOLOGY	Mgr1	-	-

2. L1 Manager

L1 Managers review and approve submitted shift plans.

Key Functions

- View submitted shift plans pending approval
- Approve or reject individual or multiple shift plans
- Review approval history
- Monitor synchronization status with SuccessFactors

Screen: Shift Plan Approval

The screenshot shows the 'Shift Plan Approval' interface. At the top, there's a navigation bar with 'Shift Plan Approval' and 'My Shift Plans' tabs. Below that, the current user is identified as 'Abdul Salam Thoniyarayil Ayamu (1000759)' from the 'INFORMATION TECHNOLOGY' department. The main section is titled 'Submitted Plans Pending L1 Approval' and includes a search bar for pending approvals. A table lists the submitted plans, with one plan (ID 27) shown. The table has columns for Plan ID, Employee ID, Display Name, Department, Supervisor, Temporary Shift, Valid From, Valid To, and Action. The 'Action' column for the listed plan contains 'Approve' and 'Reject' buttons. Below the table are 'Approve Selected' and 'Reject Selected' buttons. The bottom section is 'Approval History', titled 'L1 Approved Shift Plans', with date filters for '09/05/2026' and '09/06/2026', and a 'View' button. A table header for the approval history is also visible, with columns for Plan ID, Employee ID, Display Name, Department, Supervisor, Temporary Shift, Valid From, Valid To, and SF SYNC.

WORKFORCE OPERATIONS
Roster Planning
Shift planning, approval and employee roster control

Shift Plan Approval My Shift Plans

CURRENT USER
Abdul Salam Thoniyarayil Ayamu (1000759)
Department: INFORMATION TECHNOLOGY

L1 Manager My Plans: 0

SHIFT PLAN APPROVAL
Submitted Plans Pending L1 Approval

Search pending approval

Approve selected plans to update L1 approval and sync with SuccessFactors, or reject selected plans.

PLAN ID	EMPLOYEE ID	DISPLAY NAME	DEPARTMENT	SUPERVISOR	TEMPORARY SHIFT	VALID FROM	VALID TO	ACTION	
<input type="checkbox"/>	27	10001870	Mahmoud Sharif Rafeeq Mohanna	INFORMATION TECHNOLOGY	10002795 - Sonny Carl Marie Salvador	F1	2026-06-01	2026-06-05	Approve Reject

[Approve Selected](#) [Reject Selected](#)

APPROVAL HISTORY
L1 Approved Shift Plans

Default period is last one month. Change dates and click View.

09/05/2026 09/06/2026 View

PLAN ID	EMPLOYEE ID	DISPLAY NAME	DEPARTMENT	SUPERVISOR	TEMPORARY SHIFT	VALID FROM	VALID TO	SF SYNC
---------	-------------	--------------	------------	------------	-----------------	------------	----------	---------

3. All Employees

All employees can access their own shift planning history and approval status.

Key Functions

- View own shift plans
- Review approval status
- Track valid-from and valid-to dates
- Monitor shift planning history

Screen: My Shift Plans

The screenshot shows a web browser window with the URL `shift-planning-app.cfapps.eu20.hana.ondemand.com/?empcode=10001704`. The page header includes the 'WORKFORCE OPERATIONS Roster Planning' logo and a 'My Shift Plans' button. Below this, the current user is identified as 'Sheena Benoy (10001704)' from the 'INFORMATION TECHNOLOGY' department, with a 'My Plans: 0' indicator. The main section is titled 'MY SHIFT PLANS My Shift Plans and Status' and includes a date range selector for '09/05/2026' to '09/06/2026' and a 'View' button. A note states 'Read-only list. Default period is last one month.' Below this is a table with columns: PLAN ID, SUPERVISOR, TEMPORARY SHIFT, VALID FROM, VALID TO, and STATUS. The table content is empty, displaying the message 'No shift plans found for selected period.'

PLAN ID	SUPERVISOR	TEMPORARY SHIFT	VALID FROM	VALID TO	STATUS
No shift plans found for selected period.					

4. Time Admin

Work Schedule Assignment to Shift Supervisor. Shift supervisor can do the Shift planning based on shifts assigned.

Screen: Work Schedule Assignment to Shift Supervisor

The screenshot shows a web application interface for 'Roster Planning' under 'Workforce Operations'. The main heading is 'Work Schedule Assignment' with a sub-heading 'ROSTER MANAGEMENT'. Below this, there is a section for 'ASSIGNMENT MANAGEMENT' titled 'Select Supervisor and Work Schedule'. This section includes a dropdown menu for 'Shift Supervisor' currently showing '10002795 - Sonny Carl Marie Salvador (30 employee(s))' and a 'Load Assignments' button. Below that, the 'SELECTED SUPERVISOR' is 'Sonny Carl Marie Salvador (10002795)' from the 'INFORMATION TECHNOLOGY' department, with 'Assigned Shifts: 5'. There is also a 'Work Schedule to Manage' dropdown set to 'Select work schedule' and an 'Assign' button. The bottom section is 'ASSIGNED WORK SCHEDULES' titled 'Current Shift Assignments', which includes a search bar and a table of assignments.

#	WORK SCHEDULE	DESCRIPTION	ACTION
1	F1	First Shift1	Remove
2	LF2	Local First2	Remove
3	M03R	M03R 21:00 to 03:00	Remove
4	OP1	Operation Shift1	Remove

Integration Features

SuccessFactors Integration

The application integrates with SAP SuccessFactors Employee Central for master data synchronization and temporary schedule updates.

Automatic Synchronization

Scheduled background jobs synchronize the following data from SuccessFactors to the BTP application database:

- Employee Master Data
- Reporting Relationships
- Work Schedules
- Day Models

Temporary Schedule Update

Upon L1 Manager approval:

- Approved shift plans are automatically processed
 - Temporary schedules are created in SAP SuccessFactors
 - Synchronization status is updated within the application
-

Workflow

Step 1 – Shift Planning

Shift Supervisor creates and saves temporary shift assignments.

Step 2 – Submission

Saved shift plans are submitted for L1 approval.

Step 3 – Approval

L1 Manager reviews and approves/rejects submitted plans.

Step 4 – SuccessFactors Update

Approved shift plans are synchronized to SAP SuccessFactors Temporary Schedule.

Mail Notification

Under Development

Email notification functionality is currently under development.

Planned feature:

- Automatic email notification to L1 Managers when shift plans are submitted and pending approval.
 - Direct visibility of pending roster approval requests.
-

Benefits

- Centralized roster planning process
 - Controlled approval workflow
 - Overlap validation and management
 - Seamless SAP SuccessFactors integration
 - Improved visibility of shift planning status
 - Reduced manual scheduling effort
-

Platform: SAP Business Technology Platform (BTP)

Integration: SAP SuccessFactors Employee Central

Users: Shift Supervisors, L1 Managers, Time Admin & Employees