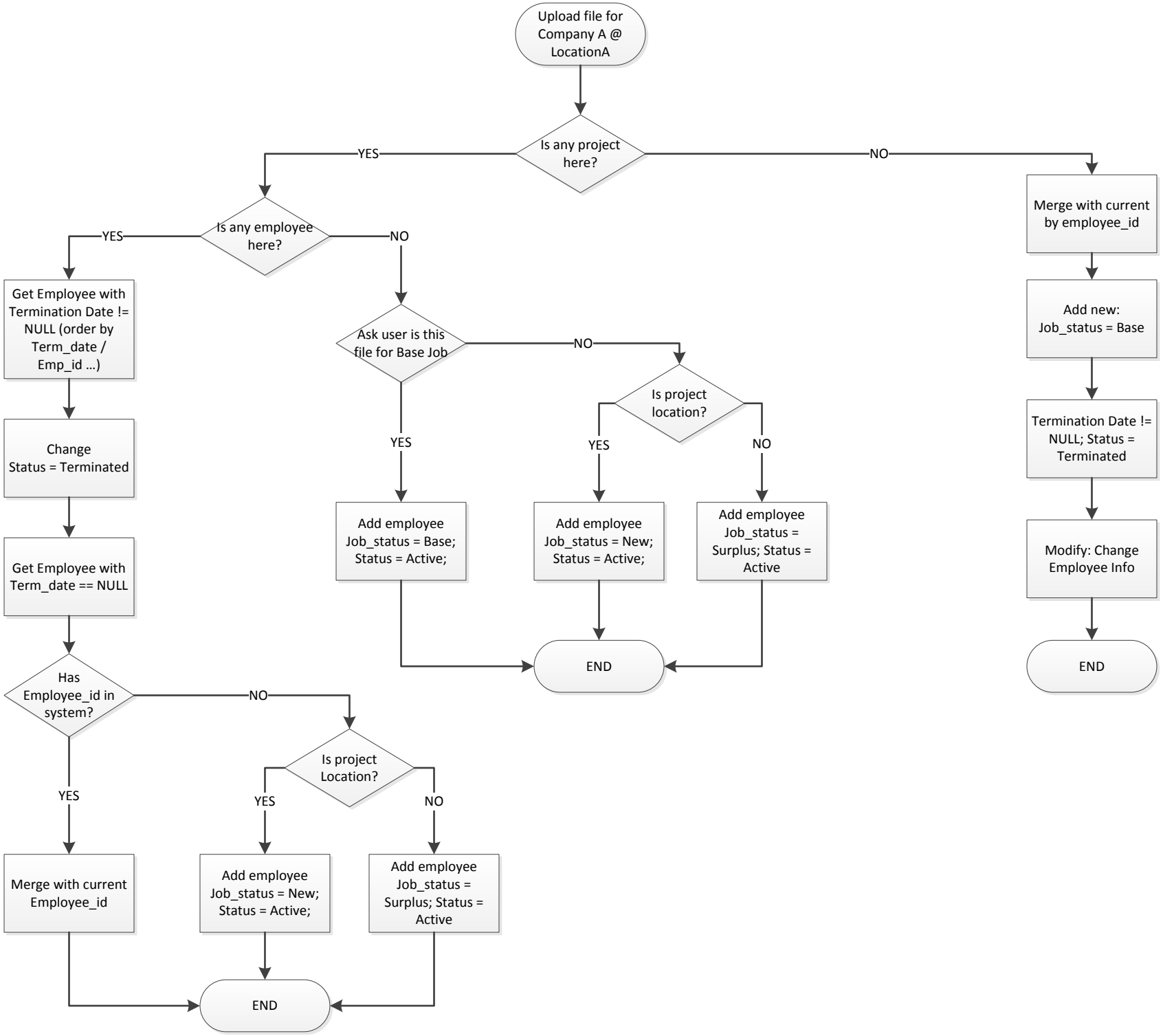
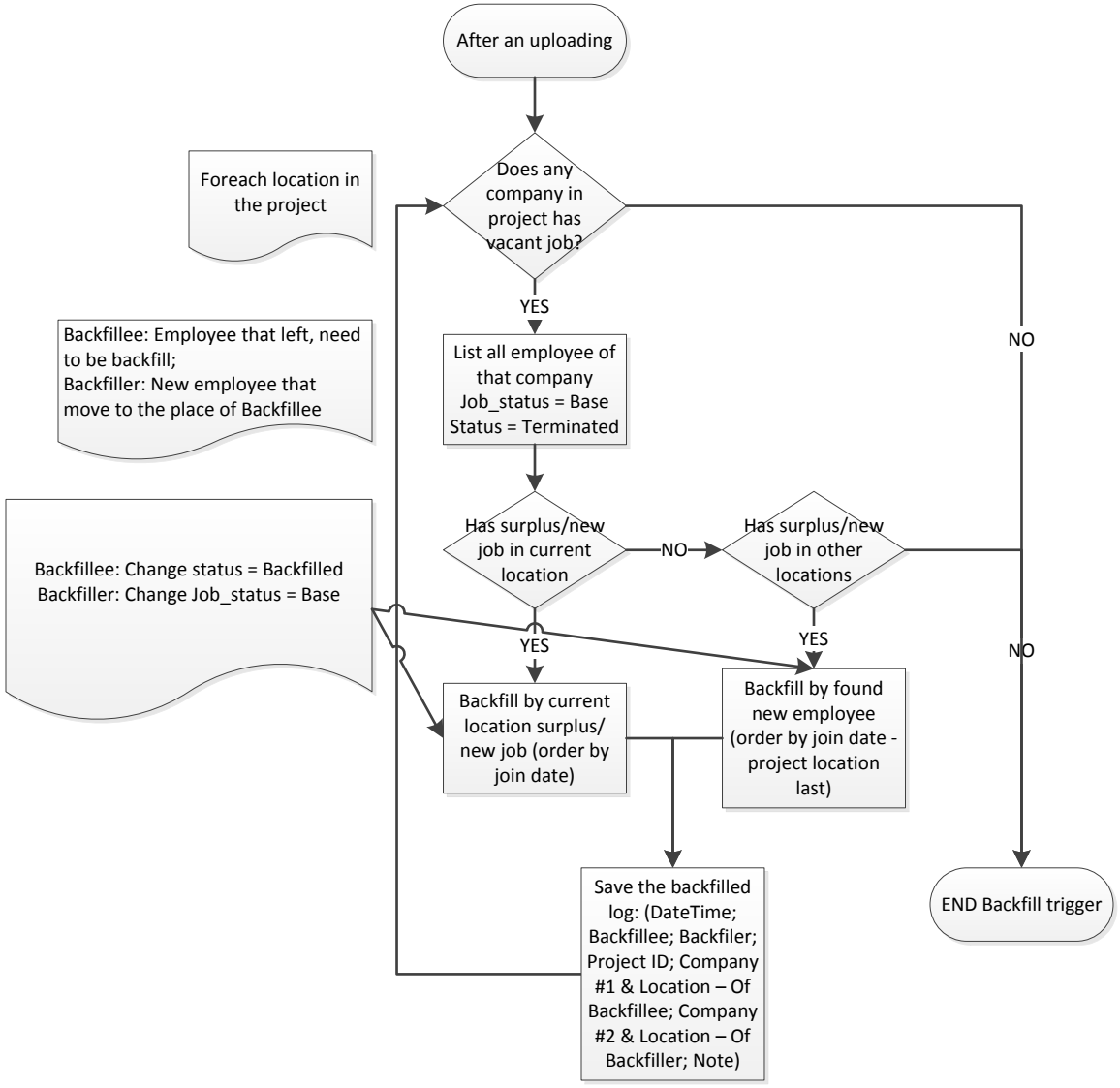

Upload file for Company A @ LocationA
Is any project here?
YES
NO
Is any employee here?
YES
NO
Get Employee with Termination Date != NULL (order by Term_date / Emp_id ...)
Change Status = Terminated
Get Employee with Term_date == NULL
Has Employee_id in system?
YES
NO
Merge with current Employee_id
Is project Location?
YES
NO
Add employee Job_status = New; Status = Active;
Add employee Job_status = Surplus; Status = Active
END
Ask user is this file for Base Job
YES
NO
Add employee Job_status = Base; Status = Active;
Is project location?
YES
NO
Add employee Job_status = New; Status = Active;
Add employee Job_status = Surplus; Status = Active
END
Merge with current by employee_id
Add new: Job_status = Base
Termination Date != NULL; Status = Terminated
Modify: Change Employee Info
END


After an uploading
Foreach location in the project
Does any company in project has vacant job?
YES
NO
Backfillee: Employee that left, need to be backfill;
Backfiller: New employee that move to the place of Backfillee
List all employee of that company
Job_status = Base
Status = Terminated
Has surplus/new job in current location
NO
Has surplus/new job in other locations
Backfillee: Change status = Backfilled
Backfiller: Change Job_status = Base
YES
YES
NO
Backfill by current location surplus/ new job (order by join date)
Backfill by found new employee (order by join date - project location last)
Save the backfilled log: (DateTime; Backfillee; Backfiler; Project ID; Company #1 & Location – Of Backfillee; Company #2 & Location – Of Backfiller; Note)
END Backfill trigger