

ID	Module	Functional / Non Functional	Description	Priority	Risk	Status	Ready to be implemented	Reasoning
1	HR	Functional	The system shall allow the HR manager to add, update, delete, and view employee records.	MTH	M	Done	No	requires DB
2	HR	Functional	The system's employee record shall include the following: Full name, ID, Bank account details (for salary transfers), Salary and employment terms, Employment start date, List of qualified roles, Flag indicating if the employee is authorized to act as a shift manager (Yes/No), Weekly availability: days and time slots the employee is available to work	MTH	M	Done	No	requires DB
3	HR	Functional	The system shall divide each workday into two shifts: morning and evening	MTH	L	Done	Yes	
4	HR	Functional	The system shall allow HR managers to Assign available and qualified employees to roles in specific shifts	MTH	H	Done	Yes	
5	HR	Functional	The System shall allow the HR manager to decide which roles are needed for each shift	MTH	L	Done	Yes	
6	HR	Functional	The system shall enforce the following during scheduling: Each shift must have exactly one authorized Shift Manager assigned, Role restrictions are respected (e.g., warehouse worker cannot operate as cashier The system shall allow an employee to be assigned to a shift only if they are: Available during the shift time, Qualified for the required role	MTH	H	Done	Yes	
7	HR	Functional		MTH	H	Done	Yes	
8	HR	Functional	The system shall allow each employee to have a weekly availability calendar.	MTH	M	Done	Yes	
9	HR	Functional	The system shall define Availability by day and by time range.	MTH	M	Done	Yes	
10	HR	Functional	The system must require each employee to fill his availability calender for the following week every Thursday by the deadline	MTH	M	Done	Yes	
11	HR	Functional	The system shall support defining multiple roles (e.g., cashier, warehouse worker).	MTH	L	Done	Yes	
12	HR	Functional	The system shall enforce that certain roles are incompatible (e.g., a warehouse worker cannot work as a cashier). The system must validate that a certified shift manager is assigned to every shift	MTH	M	Done	Yes	
13	HR	Functional		MTH	M	Done	Yes	
14	HR	Functional	The system shall record and retain the history of all shift assignments, including: Date, Shift (morning or evening), Assigned employees and their roles	MTH	M	Done	No	
15	HR	Functional	The system shall allow the HR manager to assign employees who didn't send availability calenders on time to every shift	MTH	M	Done	No	requires DB
16	HR	Functional	The system must notify the HR manager of unfilled required roles in a shift	MTH	L	Done	Yes	depends on requirement 2
17	HR	Functional	The system shall allow the HR manager to decide the hour of the deadline for availability calenders	MTH	M	Done	Yes	
18	HR	non functional	The system shall store All employee and shift data persistently	NTH	M	In-Progress	No	
19	HR	Functional	The system shall provide an interface that enables the HR manager to manage data and perform shift assignments	NTH	L	Done	Yes	requires DB
20	HR	Functional	The system shall only allow a shift to be deleted if there are no assigned employees	NTH	L	Done	Yes	
21	HR	Functional	The system shall allow the HR manager to add roles to the system	NTH	M	Done	Yes	
22	HR	Functional	the system can allow employees to request shift swap	NTH	M	Done	Yes	
23	HR	Functional	The system shall allow HR manager to decide the hours of the morning and evening shifts	NTH	L	Done	Yes	
24	HR	Functional	The system shall allow the HR manager to approve or reject shift swap requests.	NTH	L	Done	Yes	
25	HR	Functional	the system shall allow employees to view their own employee record	NTH	L	In-Progress	No	
26	HR	Functional	The system shall notify a worker they have been assigned to a shift	MTH		In-Progress	Yes	depends on requirement 1
27	HR	non Functional	The system shall save data for 7 years	MTH		In-Progress	No	
28	HR	Functional	The system's Log In shall be made of ID and Role The system shall allow a worker to take on only one role per shift	MTH		Done	Yes	requires DB
29	HR	Functional		MTH		Done	Yes	
30	HR	Functional	The system shall allow the employee to view his shifts	MTH		Done		
31	HR	Functional	The system shall allow the employee to view the current shift	MTH		In-Progress		