P4: Design Requirements

Nacho Average Team

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Design Requirement	Action	Object	Context
Allow owners to communicate with customers who speak different languages	translate	customers who speak different languages	(customers) ordering and paying for food
Help owners shorten customer wait times	shorten	customer wait times	waiting customers
Integrate a reservation system into POS system	integrate	reservation system and POS system	(customers) making reservations
Allow owners to track popularity of different menu items	track	popularity of different menu items	while owners are taking inventory
Allow owners to track each employee's customer satisfaction rate	track	each employee's customer satisfaction rate	while owners are considering staff performance

Design Requirement	Data	Functional	Contextual
Allow owners to present an interactive menu (while customers wait in the restaurant)	menu items, photos of menu items, ingredients, nutrition	interact with digital menu	while customers are waiting to be seated
Allow owners to depict real-time restaurant traffic	number of people, number of tables, what part of course diner is on	project current restaurant traffic	from the restaurant feed to specific website
Create a (constantly updating) queue that shows the wait time for each party	number of people in each party, number of people dining in the restaurant, time of wait, name of party	projects waiting time for parties (after arriving at the restaurant)	while customers are waiting to be seated

Allow traffic dashboard to be viewed on many devices	real time traffic	access traffic flow information on desktop or tablet	to maximize information access
Allow owners to receive notifications of neighborhood events	neighborhood event dates and times, how many people are working	receive a notification	to be prepared for an unexpected larger turnouts