1. Table 1

Use Case	Input Field	Type	Valid values	Invalid values	Exceptional values	Expected outcome
Login	Email ID	String	koushik@utdallas.edu kushal@utdallas.edu manat@utdallas.edu	Email ID without ending in @utdallas.edu Null	none	Login successful. Welcome kushal@utdallas.edu Invalid credentials. Please try again.
	Password	String	CrazyPapaya@123 Yoshi@94 Manbat54	Wrong passwords Null	none	Login successful. Welcome kushal@utdallas.edu Invalid credentials. Please try again.

2. Table 2

Use Case	Scenario Description	Input values	Expected output
Login	Valid login. User: Koushik	Email = koushik@utdallas.edu Password = CrazyPapaya@123	"Login successful. Welcome koushik@utdallas.edu"
	Valid login. User: Kushal	Email = kushal@utdallas.edu Password = Yoshi@94	"Login successful. Welcome kushal@utdallas.edu"
	Valid login. User: Manat	Email = manat@utdallas.edu Password = Manbat54	"Login successful. Welcome manat@utdallas.edu"
	Valid user email with an incorrect password	Email = koushik@utdallas.edu Password = WrongPassword	"Invalid credentials. Please try again."
	Valid user email with an incorrect password	Email = kushal@utdallas.edu Password = Incorrect	"Invalid credentials. Please try again."
	Login with an invalid user	Email = nonexistent@utdallas.edu Password = SomePassword	"Invalid credentials. Please try again."
	Empty email input	Email = "" Password = SomePassword	"Invalid credentials. Please try again."
	Empty password input	Email = alice@utdallas.edu	"Invalid credentials.

		Password = ""	Please try again."
	Null email input	Email = null Password = Alice@987	"Invalid credentials. Please try again."
	Null password input	Email = alice@utdallas.edu Password = null	"Invalid credentials. Please try again."

3. Table 3

TC #	Input Email	Input Password	Test case type	Expected Outcome
TC # 1	koushik@utdallas.edu	CrazyPapaya@123	Valid	"Login successful. Welcome koushik@utdallas.edu"
TC # 2	kushal@utdallas.edu	Yoshi@94	Valid	"Login successful. Welcome kushal@utdallas.edu"
TC # 3	manat@utdallas.edu	Manbat54	Valid	"Login successful. Welcome manat@utdallas.edu"
TC # 4	koushik@utdallas.edu	WrongPassword	Invalid	"Invalid credentials. Please try again."
TC # 5	kushal@utdallas.edu	Incorrect	Invalid	"Invalid credentials. Please try again."
TC # 6	nonexistent@utdallas.edu	SomePassword	Invalid	"Invalid credentials. Please try again."
TC # 7	""	SomePassword	Exceptional	"Invalid credentials. Please try again."
TC # 8	alice@utdallas.edu	""	Exceptional	"Invalid credentials. Please try again."
TC # 9	null	Alice@987	Exceptional	"Invalid credentials. Please try again."
TC # 10	alice@utdallas.edu	null	Exceptional	"Invalid credentials. Please try again."