Category	Label	Value
Bug ID	ID number	B 01
	Name	**Email with invalid TLD**
	Reporter	Abdelrahman Murad
	Submit Date	23/07/2025
Bug overview	Summary	While creating/updating the user, Email works with invalid TLD (Top Level Domain). Email should accept just valid TLD.
	URL	—
	Screenshot	https://app.screencast.com/Xfb1WWF6p5PRj
Environment	Platform	Lenovo Laptop
	Operating System	Windows 10
	Browser	Brave

Bug details	Steps to reproduce	1. Open Postman
		2. URL: https://thinking-tester-contact-list.herokuapp.com/users
		3. Method: POST
		4. Endpoint: /users
		5. Authorization: Bearer token (If needed)
		6. Body type: raw
		7. Data type: JSON
		8. Insert Request Body: {
		"FirstName": "John"
		"LastName": "Wick"
		"Email": "John@gmail.com.wwas"
		"Password": "JohnW11 @ck"
		}
		9. Send Button

	Expected result	"Status: 400 Bad Request Content-Type: application/json {"status": "error","message": "Validation failed", "errors": { "email": ["Please! Email is required and must be:","Must contain exactly one '@' symbol and one '.' and may contain of one '_'", "Must have a valid domain format 'username@gmail.com'", "No spaces allowed in the email", "Must not contain invalid characters or HTML tags or script code or SQL statements", "Top-level domain (TLD) should be valid (e.g., .com, .net, not .ww)", "Username portion should not be excessively long < 30", "Avoid common typos (e.g., @gemel.com — did you mean @gmail.com?)"]}}"
	Actual result	Status: 201 Created Content-Type: Application/JSON Return User Information with Id and Token
	Description	The Email field accepts invalid TLD during user creation/updating via API. This violates the expected validation rules, which allow valid TLD. It results in improper user data being accepted and stored.
Bug tracking	Severity	4
	Assigned to	Programmer Mahmood
	Priority	3
Notes	Notes	Mentioned in TC 19 + TC 46

Category	Label	Value
Bug ID	ID number	B 02
	Name	**Password missing complexity**
	Reporter	Abdelrahman Murad
	Submit Date	23/07/2025
Bug overview	Summary	While creating/updating the user, Password Field accepts weak passwords. Password Should be Strong
	URL	—
	Screenshot	https://app.screencast.com/99c0TsoUZeFP6
Environment	Platform	Lenovo Laptop
	Operating System	Windows 10
	Browser	Brave

Bug details	Steps to reproduce	1. Open Postman
		2. URL: https://thinking-tester-contact-list.herokuapp.com/users
		3. Method: POST
		4. Endpoint: /users
		5. Authorization: Bearer token (If needed)
		6. Body type: raw
		7. Data type: JSON
		8. Insert Request Body: {
		"FirstName": "John"
		"LastName": "Wick"
		"Email": "John@gmail.com"
		"Password": "johnas"
		}
		9. Send Button

	Expected result	"Status: 400 Bad Request Content-Type: application/json {"status": "error", "message": "Validation failed", "errors": { "password": ["Be 8 to 30 characters long", "Include at least one uppercase letter, one lowercase letter, one number, one special character", "Must not include code or scripts", "Must not use common passwords (e.g. 123456, password)", "Must not repeat characters (e.g. aaaa1111)", }}"
	Actual result	Status: 201 Created Content-Type: Application/JSON Return User Information with Id and Token
	Description	The Password field accepts weak passwords during user creation and updates via API. This violates the expected validation rules requiring strong password complexity (length, mix of characters, etc.). It allows insecure user accounts to be created, increasing the risk of brute-force or rain-bow attacks.
Bug tracking	Severity	4
	Assigned to	Programmer Mahmood
	Priority	2
Notes	Notes	Mentioned in TC 22 + TC 49

Category	Label	Value
Bug ID	ID number	B 03
	Name	**Duplicate User**
	Reporter	Abdelrahman Murad
	Submit Date	23/07/2025
Bug overview	Summary	API allows creation of duplicate users using an existing email address and first/last name.
	URL	—
	Screenshot	https://app.screencast.com/pifOX2i2BpILd
Environment	Platform	Lenovo Laptop
	Operating System	Windows 10
	Browser	Brave

Bug details	Steps to reproduce	1. Open Postman
		2. URL: https://thinking-tester-contact-list.herokuapp.com/users
		3. Method: POST
		4. Endpoint: /users
		5. Body type: raw
		6. Data type: JSON
		7. Insert on Request Body: {
		"FirstName": "John",
		"LastName": "Wick",
		"Email": "John@gmail.com",
		"Password: JohnW11@ck"
		}
		8. Send Button

	Expected result	Status: 409 Conflict
		Content-Type: application/json
		
		{
		"error": "Email already in use",
		"First name or last name is in use"
		}

	Actual result	{"message": "Email address is already in use"}
	Description	The API allows creation of users with duplicate email addresses and first/last name, violating uniqueness constraints.Instead of returning a 409 Conflict, it returns a success or vague message. This can cause account conflicts, data corruption, and security issues.
Bug tracking	Severity	4
	Assigned to	Programmer Mahmood
	Priority	3
Notes	Notes	Mentioned in TC 23

Category	Label	Value
Bug ID	ID number	B 04
	Name	**Invalid HTTP Method**
	Reporter	Abdelrahman Murad
	Submit Date	23/07/2025
Bug overview	Summary	API incorrectly responds with 503 Service Unavailable instead of 405 Method Not Allowed when unsupported HTTP methods are used on the /users/me endpoint.
	URL	—
	Screenshot	https://app.screencast.com/B066cUX6ZZGHB
Environment	Platform	Lenovo Laptop
	Operating System	Windows 10
	Browser	Brave

Bug details	Steps to reproduce	1. Open Postman
		2. URL: https://thinking-tester-contact-list.herokuapp.com/users/me
		3. Method: All Others Except PATCH
		4. Endpoint: /me
		5. Authrization: Bearer {{token}}
		6. Body type: raw
		7. Data type: JSON
		8. Insert on Request Body: {
		"FirstName": "John",
		"LastName": "Wick",
		"Email": "John@gmail.com",
		"Password: JohnW11@ck"
		}
		9. Send Button

	Expected result	Status: 405 Method Not Allowed
		Content-Type: application/json
		
		JSON Body:
		{
		"error": "Method Not Allowed"
		}

	Actual result	503 Service Unavailable The server couldn't process the request at all
	Description	The **/users/me** endpoint does not correctly handle invalid HTTP methods like PUT, DELETE, ..etc. Instead of returning a proper **405 Method Not Allowed**, it responds with **503 Service Unavailable**. This behavior violates RESTful standards and causes confusion during API integration and debugging.
Bug tracking	Severity	4
	Assigned to	Programmer Mahmood
	Priority	3
Notes	Notes	Mentioned in TC 27, 52

Category	Label	Value
Bug ID	ID number	B 05
	Name	**Special characters in email**
	Reporter	Saif Araj
	Submit Date	23/7/2025
Bug overview	Summary	Email field accepts special characters before '@', but it shouldn't. (except underscore)
	URL	—
	Screenshot	https://app.screencast.com/iNUw4yvki9Sc7
Environment	Platform	Asus Laptop
	Operating System	Windows 11
	Browser	Google Chrome

Bug details	Steps to reproduce	1. Open Postman
		2. URL: https://thinking-tester-contact-list.herokuapp.com/users
		3. Method: POST
		4. Endpoint: /users
		5. Authorization: Bearer {{token}} (If Needed)
		6. Body type: raw
		7. Data type: JSON
		8. Insert on Request Body: {
		"FirstName": "John",
		"LastName": "Wick",
		"Email": "John@gmail.com",
		"Password: JohnW11@ck"
		}
		9. Send Button

	Expected result	Error Message for bad body request with code 400 or Error Message for invalid email
	Actual result	Request successful with code 200 and user can log in
	Description	The email field accepts special characters before '@', which should be invalid. Only underscores (_) should be allowed. The API still returns 200 OK and allows adding/updating users with the invalid email.
Bug tracking	Severity	4
	Assigned to	Saif Araj
	Priority	3
Notes	Notes	Mentioned in TC 04