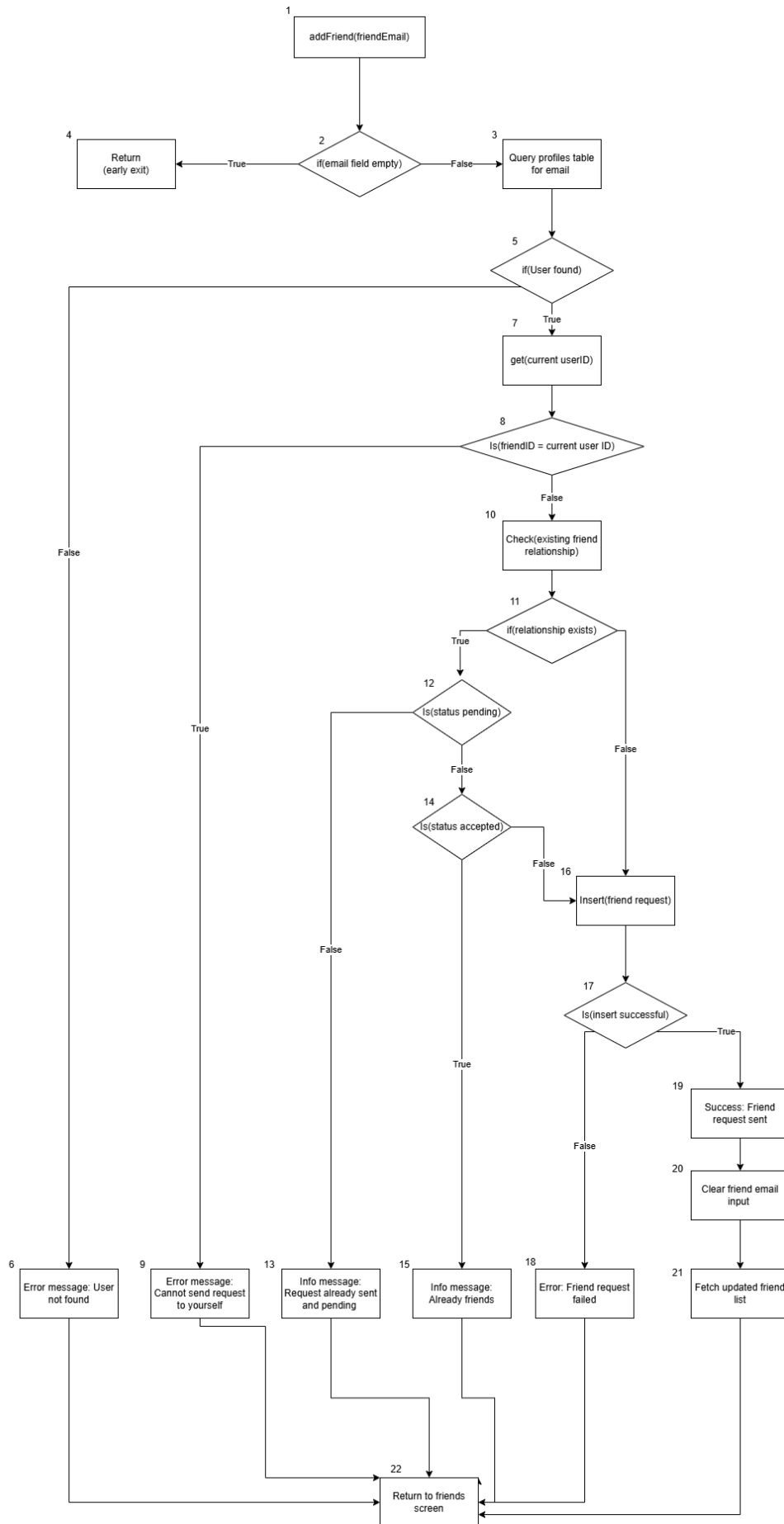


Basic Path Testing

Table of Basis Paths

No	Basis Path	Path Description
1.	1, 2, 3, 4, 5, 15	Empty Email
2.	1, 2, 3, 4, 6, 7, 15	Invalid Email Format
3.	1, 2, 3, 4, 6, 8, 9, 15	Empty Password
4.	1, 2, 3, 4, 6, 8, 10, 11, 12, 15	Authentication Error
5.	1, 2, 3, 4, 6, 8, 10, 11, 13, 14	Login Successful



Test Cases & Results

Test Input	Expected Output	Actual Output
email = "example@gmail.com" password = "123123123"	Navigation to Main screen	Navigation to Main screen
email = "" password = "123123123"	"Login failed: missing email or password"	"Login failed: missing email or password"
email = "example.com" password = "123123123"	"Login failed: Invalid login credentials"	"Login failed: Invalid login credentials"
email = "example@gmail.com" password = ""	"Login failed: Invalid login credentials"	"Login failed: Invalid login credentials"
email = "example@gmail.com" password = "321"	"Login failed: Invalid login credentials"	"Login failed: Invalid login credentials"

Table of Basis Paths

No	Basis Path	Path Description
1.	1, 2, 4	Empty Email field
2.	1, 2, 3, 5, 6, 22	User not found
3.	1, 2, 3, 5, 7, 8, 9, 22	Send request to self
4.	1, 2, 3, 5, 7, 8, 10, 11, 12, 13, 22	Request already pending
5.	1, 2, 3, 5, 7, 8, 10, 11, 12, 14, 15, 22	Already friends
6.	1, 2, 3, 5, 7, 8, 10, 11, 12, 14, 16, 17, 18, 22	Insert failed
7.	1, 2, 3, 5, 7, 8, 10, 11, 12, 14, 16, 17, 19, 20, 21, 22	Request sent successfully

Test case 1

Test Input	Expected output	Actual output
Email: cys@gmail.com (not existent user)	Error message: User not found	Error message: User not found
Email : ncspam14@gmail.com (before accepting friend request)	Info Message: Friend request already sent and pending.	Info Message: Friend request already sent and pending.
Email : ncspam14@gmail.com (after accepting friend request)	Info Message : You are already friends.	Info Message : You are already friends.