

# Web API Test Plan

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# END TO END

## Team Registration

1. **PASS** Team successfully registers
2. **FAIL** Attempt to register with incomplete fields
3. **FAIL** Passwords are not equal
4. **FAIL** Passwords are not correct length
5. **FAIL** Team username are not correct length
6. **FAIL** Website is invalid
7. **FAIL** Callback is invalid

## Team Login

1. **PASS** Team successfully logins
2. **FAIL** Username DNE
3. **FAIL** Password incorrect
4. **FAIL** Form incomplete

## Team Authorization

1. **PASS** Get access token and use protected resource
2. **FAIL** Alter access token and attempt to use resource
3. **FAIL** Use expired access token
4. **FAIL** Use access token is not authorized to do

## Service Registration

1. **PASS** Create service
2. **FAIL** Route to service Taken
3. **FAIL** Form incomplete
4. **FAIL** Action not valid https

## Service Management\*

1. **PASS** Update service privacy
2. **PASS** Delete service

## System Test\*

1. **PASS** Automatic logout
2. **PASS** Nice error view when backend is down

## Unit Test

### TeamRegistrationManagerTests

1. CreateInvalidTeamInvalidUrlFail
2. CreateInvalidTeamSmallUsernameFail
3. CreateInvalidTeamWebsiteInvalidFail Passed
4. CreateValidTeamPass

### TeamLoginManagerTests

InvalidNonExistentAccountLoginFail  
InvalidTeamLoginWrongPasswordFail  
InvalidTeamLoginWrongUsernameFail  
ValidTeamLoginPass

