QCAT - Task #1837

User Story # 1897 (Closed): API endpoints to add new cases

API: Possibility to authenticate through the API

14 Dec 2018 13:55 - Kurt Gerber

Status:	Closed		**Start date:**	14 Dec 2018
Priority:	High		**Due date:**	
Assignee:	Kurt Gerber		**% Done:**	0%
Category:			**Estimated time:**	0.00 hour
Target version:	Extend API to add cases		**Spent time:**	0.00 hour
Resolution:				

Description

- User can authenticate on the API

See specification: Web_Services_Definition

History

#1 - 14 Dec 2018 16:20 - Kurt Gerber

- Status changed from New to Accepted

#2 - 16 Jan 2019 18:22 - Kurt Gerber

- Status changed from Accepted to In Progress

#3 - 16 Jan 2019 18:22 - Kurt Gerber

- Status changed from In Progress to Accepted

#4 - 27 Sep 2019 14:43 - Kurt Gerber

- Description updated

#5 - 27 Sep 2019 15:01 - Kurt Gerber

- Tracker changed from User Story to Task

- Parent task set to #1897

#6 - 10 Oct 2019 16:20 - Kurt Gerber

- Assignee set to Brahadeesh Dheenadayalan_Sivakami

- Priority changed from Normal to High

#7 - 19 Nov 2019 02:16 - Brahadeesh Dheenadayalan_Sivakami

- Status changed from Accepted to Feedback

- Assignee changed from Brahadeesh Dheenadayalan_Sivakami to Kurt Gerber

Hi Kurt,
After discussion with Kevin, here is a proposed authentication mechanism for allowing users to create cases, upload images and edit cases.
This is very non-standard and maybe insecure.

- **Use the existing API Token for Primary authentication in all cases.**
- **Create a Secondary authentication table, as follows:**

  - One to one relationship to the Registered UserID
  - 3 fields --> 'UserID', 'APPToken' & 'time_stamp'

- **When a user with the header 'User-Agent: app' sends a request <to create a case, upload images or edit cases>***

  - Authenticate with the API Token to ensure user has access to API.
  - Check if the Authenticated User has an 'unexpired' APP Token <a time limit is used to designate stale/fresh APP Tokens>

- No APP Token, Create the token and serve response + new APP Token <initial handshake>
- Unexpired APP Token, accept the request, refresh the token time stamp and serve the response
- Expired APP Token, refresh the token and serve the response + new APP Token
- Incorrect APP Token, respond as invalid <potential issue here on what to do with works in progress for the user>

Looking ahead to the discussion and feedback.

Thanks,
Guhan

#8 - 03 Dec 2019 15:29 - Kurt Gerber

- Assignee changed from Kurt Gerber to Brahadeesh Dheenadayalan_Sivakami

Could you try to document here, what we have discussed concerning the authentification?

#9 - 14 Dec 2019 00:51 - Brahadeesh Dheenadayalan_Sivakami

- File API_Authentication_proposal_Guhan_2019Dec10.pdf added

- Assignee changed from Brahadeesh Dheenadayalan_Sivakami to Kurt Gerber

Hi Kurt,
Apologies for the delay in getting this out.
Please find attached the description of the proposed solution based on our discussion from 3 weeks back.

Thanks,
Guhan

#10 - 20 Aug 2020 11:56 - Kurt Gerber

- Status changed from Feedback to Closed

Works

Files

API_Authentication_proposal_Guhan_2019Dec10.pdf	172 KB	14 Dec 2019	Brahadeesh Dheenadayalan_Sivakami