

USER API				
URI	Description	REQ/RES	Body Payload Examples	
/invested_user	Create a User	POST	{ "username": "tbrunney", "password": "7676dyeyd7a6e7d6e76", "first_name": "Robert", "last_name": "Brunney", "birthday": "10/01/2001", "email": "tbrunney01@gmail.com", "phone": "253-355-8484" }	
	Successful Creation	201	{ "message": "Account Created Successfully", "results": { "user_id": "asd67asd8asd8", "username": "tbrunney", "status_code": 201 }, "date-time": "2022/09/24 24:00:00" }	
	Failed Creation (Username Taken)	400	{ "message": "Username Already Taken", "results": { "status_code": 400 }, "date-time": "2022/09/24 24:00:00" }	
	Failed Creation (Email in Use)	400	{ "message": "Email Already in Use!", "results": { "status_code": 400 }, "date-time": "2022/09/24 24:00:00" }	
	Failed Creation (Missing Field)	400	{ "message": "<Insert Missing Field Here> is Missing!", "results": { "status_code": 400 }, "date-time": "2022/09/24 24:00:00" }	
/invested_user{auth_token}	Updating a User	PUT	{ "password": "686a7d7s6d7", "first_name": "Bob", "email": "cchickenNugget@gmail.com" }	
	Successful Update	200	{ "message": "Account Info Updated!", "results": { "status_code": 200 }, "date-time": "2022/09/24 24:00:00" }	
	Failed Update (Unauthorized)	401	{ "message": "Unauthorized Denied Access", "results": { "status_code": 401 }, "date-time": "2022/09/24 24:00:00" }	
/invested_user{auth_token}	Deleting a User	DELETE		N/A
	Successful Delete	204		N/A
	Failed Delete (Unauthorized)	401	{ "message": "Unauthorized Denied Access", "results": { "status_code": 401 }, "date-time": "2022/09/24 24:00:00" }	
PORTFOLIO API				
URI	Description	REQ/RES	Body Payload Examples	
/invested_portfolio	Create Portfolio	POST	{ "user_id": "asd67asd8asd8" }	
	Successful Creation	201	{ "message": "Portfolio Created Successfully!", "results": { "status_code": 201 }, "date-time": "2022/09/24 24:00:00" }	
/invested_portfolio{auth_token}	Delete Portfolio	DELETE		N/A
	Successful Delete	204		N/A
	Failed Delete (Unauthorized)	401	{ "message": "Unauthorized Denied Access", "results": { "status_code": 401 }, "date-time": "2022/09/24 24:00:00" }	
/invested_portfolio{portfolio_id}	Get Portfolio	GET		N/A

	Successful Fetch	200	{ "message": "Portfolio 67asdas6d7 Retrieved", "results": { "portfolio_id": "67asdas6d7", "user_id": "asd67asd88asas8", "total_portfolio_gain": 55.45 }, "portfolio_stocks": [{ "ticker": "MSFT", "total_share_quantity": 27.50, "total_gain": -3.75 }, { "ticker": "SPHD", "total_share_quantity": 117.00123, "total_gain": 50.75 }, { "ticker": "VOO", "total_share_quantity": 3.0, "total_gain": 2.36 }] }, "status_code": 200 }, "date-time": "2022/09/24 24:00:00" }	
	Failed Fetch (Portfolio Doesn't Exist)	404	{ "message": "Portfolio asdad9a800090 Does Not Exist", "results": 404, "date-time": "2022/09/24 24:00:00" }	
STOCK API / CRYPTO API (Pretty Much The Same Just a few Differences)				
URI	Description	REQ/RES	Body Payload Examples	
/invested_stock/place_order	Creating a Basic Buy Order	POST	{ "ticker": "MSFT", "trade_type": "Buy", "stock_quantity": 75.75, }	
	Creating a Basic Sell Order	POST	{ "ticker": "MSFT", "trade_type": "Sell", "stock_quantity": 53.30, }	
	Creating a Basic Buy Order w/ Limit Price	POST	{ "ticker": "MSFT", "trade_type": "Buy", "stock_quantity": 75.75, "limit_price": 113.53 }	
	Creating a Basic Sell Order w/ Limit Price	POST	{ "ticker": "MSFT", "trade_type": "Sell", "stock_quantity": 75.75, "limit_price": 135.53 }	
	Creating a Basic Buy Order w/ Time Expiration & Stop Price	POST	{ "ticker": "MSFT", "trade_type": "Buy", "stock_quantity": 75.75, "time_to_expiration": 1, "stop_price": 113.53 }	
	Successful Placed Trade	201	{ "message": "MSFT Order Placed Successfully", "results": { "order_id": "45asd75asd7sa6d", "status_code": 201 }, "date-time": "2022/09/24 24:00:00" }	
	Failed Order Placement (Selling To Much)	400	{ "message": "MSFT Sell Order Failed", "results": { "details": "Current placed sell orders by asd67asd98asd8 exceed asd67asd88asd8's total shares of MSFT", "status_code": 400 }, "date-time": "2022/09/24 24:00:00" }	
	Failed Order Placement (Not Enough Buying Power)	400	{ "message": "MSFT Sell Order Failed", "results": { "details": "Buy Order Exceeds Buying Power", "status_code": 400 }, "date-time": "2022/09/24 24:00:00" }	
	Failed Order Placement (Unauthorized)	401	{ "message": "Unauthorized Denied Access", "results": { "status_code": 401 }, "date-time": "2022/09/24 24:00:00" }	
/invested_stock/get_order_info{order_id}	Getting Order Info	GET		N/A
	Successful Fetch	200	{ "message": "Order 45asd75asd7sa6d Successfully Fetched", "result": { "ticker": "MSFT", "trade_type": "Buy", "stock_quantity": 75.75, "time_to_expiration": 1, "stop_price": 113.53, "current_status": "Pending", "status_code": 200 }, "date-time": "2022/09/24 24:00:00" }	
	Failed Fetch (Unauthorized)	401	{ "message": "Unauthorized Denied Access", "results": { "status_code": 401 }, "date-time": "2022/09/24 24:00:00" }	

	Failed Fetch (Does Not Exist)	404	{ "message": "Order 45asd75asd7sa6d Does Not Exist!", "results": [{ "status_code": 404 }], "date-time": "2022/09/24 24:00:00" }	
/invested_stock/get_all_orders	Getting All Order Information	GET		N/A
	Successful Fetch	200	{ "message": "All Orders Successfully Fetched!", "result": { "orders": [{ "ticker": "MSFT", "trade_type": "Buy", "stock_quantity": 75.75, "time_ill_expiration": 1, "stop_price": 113.53, "current_status": "Pending", "status_code": 200 }, { "ticker": "MSFT", "trade_type": "Sell", "stock_quantity": 53.30, "current_status": "Pending" }, { "ticker": "MSFT", "trade_type": "Self", "stock_quantity": 75.75, "limit_price": 135.53, "current_status": "Pending" }] }, "status_code": 200 }	
	Failed Fetch (Unauthorized)	401	{ "message": "Unauthorized Denied Access", "results": [{ "status_code": 401 }], "date-time": "2022/09/24 24:00:00" }	
/invested_stock/cancel_order[order_id]	Canceling Order	PUT		N/A
	Successful Cancellation Order	200	{ "message": "Order 45asd75asd7sa6d Canceled Successfully!", "results": [{ "status_code": 200 }], "date-time": "2022/09/24 24:00:00" }	
	Failed Cancellation (Does Not Exist)	404	{ "message": "Order 45asd75asd7sa6d Does Not Exist!", "results": [{ "status_code": 404 }], "date-time": "2022/09/24 24:00:00" }	
	Failed Cancellation (Unauthorized)	401	{ "message": "Unauthorized Denied Access", "results": [{ "status_code": 401 }], "date-time": "2022/09/24 24:00:00" }	
/invested_stock/cancel_all_orders	Canceling All Current Orders	PUT		N/A
	Successful Cancellation of All Orders	200	{ "message": "All Orders Canceled!", "results": [{ "status_code": 200 }], "date-time": "2022/09/24 24:00:00" }	
	Failed Cancellation (Unauthorized)	401	{ "message": "Unauthorized Denied Access", "results": [{ "status_code": 401 }], "date-time": "2022/09/24 24:00:00" }	
/invested_stock/{ticker}/price	Get Stock Current Market Price	GET		N/A
	Successful Fetch	200	{ "message": "MSFT Price Successfully Fetched!", "results": [{ "current_price": 113.75, "status_code": 200 }], "date-time": "2022/09/24 24:00:00" }	
	Failed Fetch (Does Not Exist)	404	{ "message": "Stock UIUQ Does Not Exist!", "results": [{ "status_code": 404 }], "date-time": "2022/09/24 24:00:00" }	
/invested_stock/{ticker}/basic_info	Get Basic Stock Information	GET		N/A

	Successful Fetch	200	{ "message": "MSFT Basic Information Successfully Fetched", "results": { "ticker": "MSFT", "open": 239.54, "high": 241.13, "low": 235.02, "52_week_high": 349.67, "52_week_low": 235.20, "volume": 230520000, "market_cap": 1770000000000, "pe_ratio": 24.66, "dividend_yield": 1.14, "description": "Microsoft Corporation is an American multinational...", "ceo": "Satya Nadella", "hq_city": "Redmond", "hq_state": "Washington", "sector": "Technology", "industry": "Software—Infrastructure", "num_employees": 221000, "year_founded": 1975, "status_code": 200 } }, "date-time": "2022/09/24 24:00:00" }
	Failed Fetch (Does Not Exist)	404	{ "message": "Stock UIUQ Does Not Exist", "results": { "status_code": 404 } }, "date-time": "2022/09/24 24:00:00" }
/invested_stock/{ticker}/earning_calls	Getting Earnings Information	GET	{ "ticker": "MSFT", "year": 2022 }
	Successful Fetch	200	{ "message": "MSFT Earnings Calls Successfully Fetched", "results": { "year": 2022, "earning_calls": { "Q1": { "eps": { "expected": 2.29, "reported": 2.23, "surprise": -2.70 }, "revenue": { "expected": 2.29, "reported": 2.23, "surprise": -2.70 } }, "Q2": { "eps": { "expected": 2.29, "reported": 2.23, "surprise": -2.70 }, "revenue": { "expected": 2.29, "reported": 2.23, "surprise": -2.70 } }, "Q3": { "eps": { "expected": 2.29, "reported": 2.23, "surprise": -2.70 }, "revenue": { "expected": 2.29, "reported": 2.23, "surprise": -2.70 } }, "Q4": { "eps": { "expected": 2.29, "reported": 2.23, "surprise": -2.70 }, "revenue": { "expected": 2.29, "reported": 2.23, "surprise": -2.70 } } } }, "status_code": 200 }, "date-time": "2022/09/24 24:00:00" }
	Failed Fetch (Does Not Exist)	404	{ "message": "Stock UIUQ Does Not Exist", "results": { "status_code": 404 } }, "date-time": "2022/09/24 24:00:00" }
/invested_stock/{ticker}/news	Getting Current News	GET	N/A
	Successful Fetch	200	{ "message": "MSFT News Successfully Fetched", "results": { "recent_news": [{ "title": "Software Growth Stocks: How 2023 Guidance Plays Out Will Be Key", "publisher": "Investor's Business Daily", "publish_date": "2022-09-24 08:57:49", "story_link": "https://finance.yahoo.com/m/5962d59d-4d09-36cb-afa4-1c9b22a80cb4/software-growth-stocks%3A-how.html", "thumbnail_link": "https://s.yimg.com/uu/ap/ires/1.2/XNNYTNz_B_wC8bJUCS2Ug--B/aD01NJM7dz0xMDAwO2FwcGkiP0Y0YNoeW9uhttps://s.yimg.com/uu/ap/ires/1.2/3c5WY3a3eN6XGKnoHrm1A--B/aD01NJM7dz0xMDAwO2FwcGkiP0Y0YNoeW9uhttps://media.zenfs.com/en/bd.com/d560847537467224db3d9d9306b02d3" }] }, "status_code": 200 }, "date-time": "2022/09/24 24:00:00" }

/invested_stock/ticker/moving_avg	Failed Fetch (Does Not Exist)	404	{ "message": "Stock UIUQ Does Not Exists", "results": { "status_code": 404 }, "date-time": "2022/09/24 24:00:00" }	N/A
	Getting Moving Avg	GET		
	Successful Fetch	200	{ "message": "MSFT Moving Average Successfully Fetched", "results": { "moving_avg_data": { 75.5, 155.5 }, "status_code": 200 }, "date-time": "2022/09/24 24:00:00" }	
	Failed Fetch (Does Not Exist)	404	{ "message": "Stock UIUQ Does Not Exists", "results": { "status_code": 404 }, "date-time": "2022/09/24 24:00:00" }	
SOCIAL API				
URI	Description	REQ/RES	Body Payload Examples	
/invested_social/post	Creating a Post	POST	{ "content": "I got \$105 Dollars off of MSFT Pretty Poggers" }	
	Succesful Creation	201	{ "message": "Post 79a8sd8asd Created Successfully", "results": { "post_id": "79a8sd8asd", "status_code": 201 }, "date-time": "2022/09/24 24:00:00" }	
	Failed Post Creation (Unauthorized)	401	{ "message": "Unauthorized Denied Access", "results": { "status_code": 401 }, "date-time": "2022/09/24 24:00:00" }	
/invested_social/post_id	Updating a Post	PUT	{ "content": "I got \$105 Dollars off of MSFT Pretty Poggers. Added more for Edit" }	
	Successful Update	200	{ "message": "Post 79a8sd8asd Updated Successfully", "results": { "post_id": "79a8sd8asd", "status_code": 200 }, "date-time": "2022/09/24 24:00:00" }	
	Failed Post Update (Unauthorized)	401	{ "message": "Unauthorized Denied Access", "results": { "status_code": 401 }, "date-time": "2022/09/24 24:00:00" }	
	Failed Post Update (Does Not Exist)	404	{ "message": "Post 518273778df8 Does Not Exist", "results": { "status_code": 404 }, "date-time": "2022/09/24 24:00:00" }	
/invested_social/post_id/comment	Make a Comment	PUT	{ "content": "Poggers man" }	
	Successful Post Comment	200	{ "message": "Comment On 5sa8d7asd76asd Made Successfully", "results": { "status_code": 200 }, "date-time": "2022/09/24 24:00:00" }	
	Failed Post Like (Does Not Exist)	404	{ "message": "Post 518273778df8 Does Not Exist", "results": { "status_code": 404 }, "date-time": "2022/09/24 24:00:00" }	
/invested_social/post_id/like	Update Like on Post	PUT		
	Successful Update	200	{ "message": "Post 79a8sd8asd Updated Successfully", "results": { "status_code": 200 }, "date-time": "2022/09/24 24:00:00" }	
	Failed Post Like (Does Not Exist)	404	{ "message": "Post 518273778df8 Does Not Exist", "results": { "status_code": 404 }, "date-time": "2022/09/24 24:00:00" }	
/invested_social/post_id/unlike	Update Like on Post	PUT		
	Successful Update	200	{ "message": "Post 79a8sd8asd Updated Successfully", "results": { "status_code": 200 }, "date-time": "2022/09/24 24:00:00" }	
	Failed Post Like (Does Not Exist)	404	{ "message": "Post 518273778df8 Does Not Exist", "results": { "status_code": 404 }, "date-time": "2022/09/24 24:00:00" }	

/invested_social/{post_id}	Deleting Post	DELETE		N/A
	Successful Post Delete	204		N/A
	Failed Post Delete (Unauthorized)	401	{ "message": "Unauthorized Denied Access", "results": { "status_code": 401 }, "date-time": "2022/09/24 24:00:00" }	
	Failed Post Delete (Does Not Exist)	404	{ "message": "Post 518273778df8 Does Not Exist!", "results": { "status_code": 404 }, "date-time": "2022/09/24 24:00:00" }	
/invested_social/{post_id}	Get Post	GET		N/A
	Successful Get	200	{ "message": "Post 5aa8d7asd76asd Successfully Fetched!", "results": { "post": { "post_id": "5aa8d7asd76asd", "user_id": "6a8d78asd8a8as", "content": "Got MSFT for only \$13 lets go", "likes": 4666565 }, "status_code": 200 }, "date-time": "2022/09/24 24:00:00" }	
	Failed Post Fetch (Does Not Exist)	404	{ "message": "Post 518273778df8 Does Not Exist!", "results": { "status_code": 404 }, "date-time": "2022/09/24 24:00:00" }	
/invested_social/{post_id}/get_comments	Get Comments	GET	N/A	
	Successful Fetch	200	{ "message": "Post 5aa8d7asd76asd Comments Successfully Fetched!", "results": { "comments": [{ "post_date": "2022/09/24 24:00:00", "user_id": "0as7dsa87d", "content": "Congrats" }, { "post_date": "2022/09/24 24:00:00", "user_id": "0as7dsa87d", "content": "Poggers" },], "status_code": 200 }, "date-time": "2022/09/24 24:00:00" }	
	Failed Fetch (Does Not Exist)	404	{ "message": "Post 518273778df8 Does Not Exist!", "results": { "status_code": 404 }, "date-time": "2022/09/24 24:00:00" }	
/invested_social/get_trending	Get Top 25 Trending Post	GET		N/A
	Successful Fetch	200	{ "message": "Top Trending Post Fetched Successfully!", "results": { "trending_post": [{ "post_id": "5aa8d7asd76asd", "user_id": "6a8d78asd8a8as", "content": "Got MSFT for only \$13 lets go", "likes": 4666565 }, { "post_id": "5aa8d7asd76asd", "user_id": "6a8d78asd8a8as", "content": "Got Bacon lets go", "likes": 4666565 }, { "post_id": "5aa8d7asd76asd", "user_id": "6a8d78asd8a8as", "content": "Chesborger", "likes": 4666565 },], "status_code": 200 }, "date-time": "2022/09/24 24:00:00" }	
AWS PRE-SIGN AUTH API				
URI	Description	REQ/RES		Body Payload Examples
/generate_link/S3/put/{file_path}	Adding Object to S3	GET		N/A
LESSON API				
URI	Description	REQ/RES		Body Payload Examples
/invested_lesson	Make a Lesson	POST	{ "name": "Stock Dividends", "description": "Going over the basic of stock Dividends and the importance of how it can help your future", "quiz": "4asd96asd" }	
	Successful Creation	201	{ "message": "Lesson Successfully Made!", "results": { "lesson": { "lesson_id": "967asd9as7d", "status_code": 201 }, "date-time": "2022/09/24 24:00:00" } }	
/invested_lesson/{lesson_id}	Get Lesson	GET	N/A	

	Successful Fetch	200	{ "message": "Lesson has been Successfully Fetched!", "results": { "lesson": { "name": "Stock Dividends", "description": "Going over the basic of stock Dividends and the importance of how it can help your future", "quiz": "4asd56asd6" }, "status_code": 200 }, "date-time": "2022/09/24 24:00:00" }
	Failed Fetch (Does Not Exists)	404	{ "message": "Lesson 518273778df8 Does Not Exists!", "results": { "status_code": 404 }, "date-time": "2022/09/24 24:00:00" }
/invested_lesson/{lesson_id}	Update Lesson	PUT	{ "quiz": "77asd7a9d9d" }
	Successful Update	200	{ "message": "Lesson has been Successfully Updated", "results": { "lesson_id": "7a9sd8asd78asd" "status_code": 200 }, "date-time": "2022/09/24 24:00:00" }
	Failed Fetch (Does Not Exists)	404	{ "message": "Lesson 518273778df8 Does Not Exists!", "results": { "status_code": 404 }, "date-time": "2022/09/24 24:00:00" }
/invested_lesson/{lesson_id}	Delete Lesson	DELETE	N/A
	Successful Delete	204	N/A
	Delete Failed (Does Not Exist)	404	{ "message": "Lesson 518273778df8 Does Not Exists!", "results": { "status_code": 404 }, "date-time": "2022/09/24 24:00:00" }
	Delete Failed (Unauthorized)	401	{ "message": "Unauthorized Denied Access", "results": { "status_code": 401 }, "date-time": "2022/09/24 24:00:00" }
/invested_lesson/quiz	Create Quiz	POST	{ "name": "Dividend Quiz", "investment_reward": 350 }
	Successful Creation	201	{ "message": "Lesson Quiz Successfully Made!", "results": { "lesson_id": "987asd9as7d", "status_code": 201 }, "date-time": "2022/09/24 24:00:00" }
/invested_lesson/quiz/{quiz_id}	Get Quiz	GET	N/A
	Successful Fetch	200	{ "message": "Lesson Quiz has been Successfully Fetched!", "results": { "lesson_quiz": { "name": "Dividend Quiz", "reward": 350 }, "status_code": 200 }, "date-time": "2022/09/24 24:00:00" }
	Failed Fetch (Does Not Exists)	404	{ "message": "Lesson Quiz 518273778df8 Does Not Exists!", "results": { "status_code": 404 }, "date-time": "2022/09/24 24:00:00" }
/invested_lesson/quiz/{quiz_id}	Update Quiz	PUT	{ "investment_reward": 400 }
	Successful Update	200	{ "message": "Lesson Quiz has been Successfully Updated", "results": { "lesson_id": "518273778df8" "status_code": 200 }, "date-time": "2022/09/24 24:00:00" }
	Failed Update (Does Not Exist)	404	{ "message": "Lesson Quiz 518273778df8 Does Not Exists!", "results": { "status_code": 404 }, "date-time": "2022/09/24 24:00:00" }
/invested_lesson/quiz/{quiz_id}	Delete Quiz	DELETE	N/A
	Successful Delete	201	N/A
	Failed Delete (Does Not Exist)	404	{ "message": "Lesson Quiz 518273778df8 Does Not Exists!", "results": { "status_code": 404 }, "date-time": "2022/09/24 24:00:00" }
	Failed Delete (Unauthorized)	401	{ "message": "Unauthorized Denied Access", "results": { "status_code": 401 }, "date-time": "2022/09/24 24:00:00" }