

GET /posts/list

Description: Get all posts submitted

Request Body: Null

Response Body: [{  
    "submitId" : int,  
    "username" : string,  
    "title" : string,  
    "summary" : string,  
    "context" : string,  
    "problem" : string,  
    "solution" : string,  
    "mitigation" : string,  
    "tags" : string,  
    "timestamp" : DateTime  
    "likes": int,  
    "dislikes": int,  
    "views": int  
},...]

//This returns the 10 most recent submissions for right now

GET /posts/getMostRecentSubmission

Description: Get all posts submitted

Request Body: Null

Response Body: [{  
    "submitId" : int,  
    "username" : string,  
    "title" : string,  
    "summary" : string,  
    "context" : string,  
    "problem" : string,  
    "solution" : string,  
    "mitigation" : string,  
    "tags" : string,  
    "timestamp" : DateTime  
    "likes": int,  
    "dislikes": int,  
    "views": int  
},...]

POST /posts/submit

Description: Used for submitting threat model info

Request Body:{  
    "username" : string,

```
    "title" : string,  
    "summary" : string,  
    "context" : string,  
    "problem" : string,  
    "solution" : string,  
    "mitigation" : string,  
    "tags" : string  
  }
```

Response Body: {"message": "Submission Successful"}

POST /posts/comments/{submitId}

Description: Used for submitting comments to a post

Request Body: [{

```
    "postId": int,  
    "submitId" : int,  
    "username" : string,  
    "timestamp" : DateTime,  
    "userComment" : string
```

},...]

Response Body: {"message": "Comment Uploaded"}

GET /posts/comments/{submitId}

Description: Used for getting comments of a post. Example below shows 2 comments for the 3rd threat model submission, while postId is unique to each post.

Request Body: None - but make sure the submitId is in the URI

Response Body:

```
"data": [  
  {  
    "postId": 4,  
    "submitId": 3,  
    "username": "Phil",  
    "timestamp": null,  
    "userComment": "I like potatos"  
  },  
  {  
    "postId": 5,  
    "submitId": 3,  
    "username": "George",  
    "timestamp": null,  
    "userComment": "I dont like potatos"  
  }  
]
```

```
]
}
```

POST /posts/search/text:

Description: Used to get search results of threat model patterns

Request Body: {

    "search" : "search term (user input)"

}

Response Body: [{

    "submitId" : int,

    "username" : string,

    "title" : string,

    "summary" : string,

    "context" : string,

    "problem" : string,

    "solution" : string,

    "mitigation" : string,

    "tags" : string,

    "timestamp" : DateTime

    "likes": int,

    "dislikes": int,

    "views": int

},...]

POST /posts/search/tag:

Description: Used to get search results of threat model patterns

Request Body: {

    "search" : "search term (user input)"

}

Response Body: [{

    "submitId" : int,

    "username" : string,

    "title" : string,

    "summary" : string,

    "context" : string,

    "problem" : string,

    "solution" : string,

    "mitigation" : string,

    "tags" : string,

    "timestamp" : DateTime

    "likes": int,

    "dislikes": int,

    "views": int

```
},...]
```

POST /users/create:

Description: Used to create a new user (return null if error)

```
Request Body: {  
    "username" : string,  
    "email" : string,  
    "password" : string  
}
```

```
Response Body: {  
    "username" : string,  
    "email" : string,  
    "password" : string  
}
```

POST /users/login:

Description: Used to sign in to an account (return null if error)

```
Request Body: {  
    "email" : string,  
    "password" : string  
}
```

```
Response Body: {  
    "email" : string,  
    "password" : string  
}
```

POST /posts/action

Description: Invoked when a user likes or dislikes a post

```
Request Body: {  
    "username": string,  
    "id": int,  
    "liked": int  
}
```

```
Response Body: {  
    Null  
}
```

GET /posts/list/:id

Description: Get post with id :id -- adds a view to views when invoked

Request Body: None, but endpoint id var needs to be there

```
Response Body: {  
    "submitId" : int,  
    "username" : string,
```

```
    "title" : string,  
    "summary" : string,  
    "context" : string,  
    "problem" : string,  
    "solution" : string,  
    "mitigation" : string,  
    "tags" : string,  
    "timestamp" : DateTime  
    "likes": int,  
    "dislikes": int,  
    "views": int  
  }
```

GET /posts/incidents/list

Description: Get a list of all incidents

Request Body: None

Response Body: [{  
 "id" : int,  
 "username" : string,  
 "content": string  
 "timestamp": DateTime  
 },...]

POST /posts/incidents

Description: Submit a new incident

Request Body: {  
 "username" : string,  
 "content": string  
 }

Response Body: {  
 "insertId": int  
 }

GET /posts/incidents/:postId

Description: Get incidents related to a post

Request Body: :postId

Response Body: [{  
 "id" : int,  
 "username" : string,  
 "content": string  
 "timestamp": DateTime  
 },...]

GET /posts/incidents/incident/:incidentId

Description: Get individual incident

Request Body: :incidentId

Response Body: {  
    "id" : int,  
    "username" : string,  
    "content": string  
    "timestamp": DateTime  
}

POST /posts/action/associate/:postId

Description: Associate incoming list of incident ids with post id

Request Body: {  
    "incidentIds": array  
}

Response Body: "Success"