

Jason Configurations for miniapp Objects

legend

*****Values in red indicate required fields

***** Values in blue indicate optional fields

Table of Contents

Post command to add a project.....	2
Post command to get all projects of a user.....	3
Post command to update a project.....	4
Post command to add a task.....	5
Post command to get all tasks of a project.....	6
Post command to update a task.....	7
Post command to add a chat message.....	8
Post command to get all chat messages of a project.....	9
Post command to update a chat message.....	10
Post command to add a calendar event.....	11
Post command to get all events of a project between given dates.....	12
Post command to update a calendar event.....	13
Post command to delete a project/task/message/event.....	14

Post command to add a new project:

miniappName: Admin App

Input Jason - miniappCommandBoundary

```
{
  "commandId": {
    "superapp": "string",
    "miniapp": "string",
    "id": "string"
  },
  "command": "addminiappobject",
  "targetObject": {
    "objectId": {
      "superapp": "string",
      "id": "string"
    }
  },
  "invocationTimeStamp": "2024-07-01T12:14:22.638Z",
  "invokedBy": {
    "userId": {
      "email": "miniAppUser8@s.afeka.ac.il", (Only mini app users)
      "superapp": "2024b.Gal.Israeli"
    }
  },
  "commandAttributes": {
    "project name": "my project", (Must be unique, is used as a primary key and foreign key)
    "member list" : [Array of emails, must be emails of miniapp users],
    "team leader" : Filled by server, user that added the project is the leader.
  }
}
```

Post command to get all projects the user is part of:

miniappName: Admin App

Input Jason - miniappCommandBoundary

```
{
  "commandId": {
    "superapp": "string",
    "miniapp": "string",
    "id": "string"
  },
  "command": "getallminiappobjects",
  "targetObject": {
    "objectId": {
      "superapp": "string",
      "id": "string"
    }
  },
  "invocationTimeStamp": "2024-07-01T12:14:22.638Z",
  "invokedBy": {
    "userId": {
      "email": "miniAppUser8@s.afeka.ac.il",
      "superapp": "2024b.Gal.Israeli"
    }
  },
  "commandAttributes": {
    "additionalProp1": {},
    "additionalProp2": {},
    "additionalProp3": {}
  }
}
```

Post command to update a project:

miniappName: Admin App

Input Jason - miniappCommandBoundary

```
{
  "commandId": {
    "superapp": "string",
    "miniapp": "string",
    "id": "string"
  },
  "command": "updateminiappobject",
  "targetObject": { (**Must be an active object in the system that the user invoking
    command is the team leader of)
    "objectId": {
      "superapp": "string",
      "id": "string"
    }
  },
  "invocationTimeStamp": "2024-07-01T12:14:22.638Z",
  "invokedBy": {
    "userId": {
      "email": "miniAppUser8@s.afeka.ac.il",
      "superapp": "2024b.Gal.Israeli"
    }
  },
  "commandAttributes": {
    "member list" : [Array of emails, must be emails of mini app users], (**Removed members
    will be removed from all member
    lists of related objects)

    "team leader": "String of an email of a mini app user",
    "active" : false (***** Will also deactivate all related objects)
  }
}
```

Post command to add one task to a project:

miniappName: Kanban App

Input Jason - miniappCommandBoundary

```
{
  "commandId": {
    "superapp": "string",
    "miniapp": "string",
    "id": "string"
  },
  "command": "string",
  "targetObject": {
    "objectId": {
      "superapp": "string",
      "id": "string"
    }
  },
  "invocationTimeStamp": "2024-07-01T12:14:22.638Z",
  "invokedBy": {
    "userId": {
      "email": "miniAppUser8@s.afeka.ac.il",
      "superapp": "2024b.Gal.Israeli"
    }
  },
  "commandAttributes": {
    "project name": "my project", (Must be a project that exist in DB & that the user invoking
                                     is a project member in it)
    "status": "backlog/to do/in progress/done/archive",
    "member list" : [Array of emails, must be emails of mini app users], (Must be project
                                                                           members of the related project)
    "description": "task description", (or empty string if not provided)
    "title": "task title" (or empty string if not provided)
  }
}
```

Post command to get all tasks of a Project:

miniappName: Kanban App

Input Json - miniappCommandBoundary

```
{
  "commandId": {
    "superapp": "string",
    "miniapp": "string",
    "id": "string"
  },
  "command": "string",
  "targetObject": {
    "objectId": {
      "superapp": "string",
      "id": "string"
    }
  },
  "invocationTimeStamp": "2024-07-01T12:14:22.638Z",
  "invokedBy": {
    "userId": {
      "email": "miniAppUser9@s.afeka.ac.il",
      "superapp": "2024b.Gal.Israeli"
    }
  },
  "commandAttributes": {
    "project name": "My project" (Must be a project that exist in DB & that the user invoking
    is a project member in it)
  }
}
```

Post command to update a task of a project:

miniappName: Kanban App

Input Jason - miniappCommandBoundary

```
{
  "commandId": {
    "superapp": "string",
    "miniapp": "string",
    "id": "string"
  },
  "command": "string",
  "targetObject": {
    "objectId": {
      "superapp": "2024b.Gal.Israeli",
      "id": "c1e72d6c-c6b8-4b37-84e7"
    }
  },
  "invocationTimeStamp": "2024-07-03T09:59:46.538Z",
  "invokedBy": {
    "userId": {
      "email": "miniAppUser3@s.afeka.ac.il", (only mini app users that are part of the
task's project can update)
      "superapp": "2024b.Gal.Israeli"
    }
  },
  "commandAttributes": {
    "description": "new description",
    "title": "new tile",
    "member list" : [Array of emails, must be emails of mini app users], (Must be part of the
task's project)
    "status": "backlog/to do/in progress/done/archive"
```

"active" : false (Used to deactivate objects)
}}

Post command to add a new chat message:

miniappName: Chat App

Input Jason - miniappCommandBoundary

```
{
  "commandId": {
    "superapp": "string",
    "miniapp": "string",
    "id": "string"
  },
  "command": "string",
  "targetObject": {
    "objectId": {
      "superapp": "string",
      "id": "string"
    }
  },
  "invocationTimeStamp": "2024-07-01T12:14:22.638Z",
  "invokedBy": {
    "userId": {
      "email": "miniAppUser7@s.afeka.ac.il", (Only mini app users)
      "superapp": "2024b.Gal.Israeli"
    }
  },
  "commandAttributes": {
    "project name": "my project", (Must be a project that exist in DB & that the user invoking
                                     is a project member in it)
    "message": "my message" (if not provided, it will be an empty string)
    "sent by" : Server is initiating with the userNamne of the user adding the message
  }
}
```


Post command to get all chat messages of a project:

miniappName : Chat App

Input Json - miniappCommandBoundary

```
{
  "commandId": {
    "superapp": "string",
    "miniapp": "string",
    "id": "string"
  },
  "command": "string",
  "targetObject": {
    "objectId": {
      "superapp": "string",
      "id": "string"
    }
  },
  "invocationTimeStamp": "2024-07-01T12:14:22.638Z",
  "invokedBy": {
    "userId": {
      "email": "miniAppUser9@s.afeka.ac.il",
      "superapp": "2024b.Gal.Israeli"
    }
  },
  "commandAttributes": {
    "project name": "My project" (Must be a project that exist in DB & that the user invoking
                                     is a project member in it)
  }
}
```

Post command to update chat message of a user:

miniappName : Chat App

Input Json - miniappCommandBoundary

```
{
  "commandId": {
    "superapp": "string",
    "miniapp": "string",
    "id": "string"
  },
  "command": "string",
  "targetObject": {
    "objectId": {
      "superapp": "2024b.Gal.Israeli",
      "id": "c1e72d6c-c6b8-4b37-84e7"
    }
  },
  "invocationTimeStamp": "2024-07-01T12:14:22.638Z",
  "invokedBy": {
    "userId": {
      "email": "miniAppUser9@s.afeka.ac.il", (Only the user that sent the message can
                                              update it)
      "superapp": "2024b.Gal.Israeli"
    }
  },
  "commandAttributes": {
    "message": "my message"
    "active" : false (Used to deactivate objects)
  }
}
```

Post command to add one Calendar event to a project's Calendar:

miniappName: Calendar App

Input Jason - miniappCommandBoundary

```
{
  "commandId": {
    "superapp": "string",
    "miniapp": "string",
    "id": "string"
  },
  "command": "string",
  "targetObject": {
    "objectId": {
      "superapp": "string",
      "id": "string"
    }
  },
  "invocationTimeStamp": "2024-07-01T12:14:22.638Z",
  "invokedBy": {
    "userId": {
      "email": "miniAppUser8@s.afeka.ac.il",
      "superapp": "2024b.Gal.Israeli"
    }
  },
  "commandAttributes": {
    "project name": "my project", (Must be a project that exist in DB & that the user invoking
                                     is a project member in it)
    "event date": "String in the following format: dd/MM/yyyy", (Server will check for conflicts
                                                                    with other events)

    "start time" : double or int that can be divided by ½ and is between 0-23.5
    "end time" : double or int that can be divided by ½ and is between 0-23.5 and larger than start
time

    "member list" : [Array of emails, must be emails of mini app users], (Must be project
                                                                    members of the related project)
    "title": "task title" (or empty string if not provided)
  }
}
```

Post command to get all calendar events of a Project between given dates:

miniappName: Calendar App

Input Json - miniappCommandBoundary

```
{
  "commandId": {
    "superapp": "string",
    "miniapp": "string",
    "id": "string"
  },
  "command": "string",
  "targetObject": {
    "objectId": {
      "superapp": "string",
      "id": "string"
    }
  },
  "invocationTimeStamp": "2024-07-01T12:14:22.638Z",
  "invokedBy": {
    "userId": {
      "email": "miniAppUser9@s.afeka.ac.il",
      "superapp": "2024b.Gal.Israeli"
    }
  },
  "commandAttributes": {
    "project name": "My project" (Must be a project that exist in DB & that the user invoking
                                                                    is a project member in it)
    "start date": "String in the following format: dd/MM/yyyy",
    "end date": "String in the following format: dd/MM/yyyy", (Must be a date that comes after
                                                                start date)
  }
}
```

Post command to update a Calendar event of a project:

miniappName: Calendar App

Input Jason - miniappCommandBoundary

```
{
  "commandId": {
    "superapp": "string",
    "miniapp": "string",
    "id": "string"
  },
  "command": "string",
  "targetObject": {
    "objectId": {
      "superapp": "2024b.Gal.Israeli",
      "id": "c1e72d6c-c6b8-4b37-84e7"
    }
  },
  "invocationTimeStamp": "2024-07-03T09:59:46.538Z",
  "invokedBy": {
    "userId": {
      "email": "miniAppUser3@s.afeka.ac.il", (only mini app users that are part of the
Calendar event's project can
update)
    "superapp": "2024b.Gal.Israeli"
    } },
  "commandAttributes": {
    "project name": "my project", (Must be a project that exist in DB & that the user invoking
is a project member in it)
    "event date": "String in the following format: dd/MM/yyyy", (Server will check for conflicts)
    "start time" : double or int that can be divided by ½ and is between 0-23.5
  }
}
```

"end time" : double or int that can be divided by ½ and is between 0-23.5 and larger than start time

"member list" : [Array of emails, must be emails of mini app users], **(Must be project members of the related project)**

■ "title": "task title" (or empty string if not provided)

}}

Post command to delete a project/task/message/event:

Use the same command as for update, and provide "active" = false in the commandAttributes

