Endpoint: [https://licensing.aseef.dev/api/registration-bot](https://licensing.aseef.dev/api/registration-bot/)

GET: /license-check

Body:

* kerberos-username
* license

Response:

* kerberos-username (str): BU username
* valid-license (bool): whether this license exists
* permitted (bool): whether permission to use the software was granted
* reason (str): if permission to use the software is not granted, this will explain why
* reply-timestamp (epoch, UTC, long): the time at which the response was generated
  + This time will be cross referenced with the time generated on BU’s page
* Signature (str): a string signature to validate the integrity of the reply

POST /send-mail

Body:

* kerberos-username (str): BU username (and the only person we can send mail to)
* license (str): software license
* email (json object): the content of the email which to send
  + Title
  + Body
  + …

Response:

* Status
* Reason: if not success, explains reason

POST /statistics

* kerberos-username
* license
* type: the type of statistics update
  + Application Started
    - Classes trying to register for
    - Target semester
    - IP Address
    - Device Statistics
      * Operating System
      * Number of Cores
      * Processor Speed
    - Timestamp
  + Application stopped
    - Stop reason (program crashed?)
    - Other info (if crashed, contains stack dump)
    - Average cycle durations
    - Timestamp
  + Class Registered (non-planner)
    - The name of the class registered for
    - Timestamp
    - Time it took since start of app