| **Route** | **Method** | **Access Control** | **Controller Function(s)** |
| --- | --- | --- | --- |
| / | POST | admin, professor (only for self) | createAppointment |
| /:id | GET | admin, self (if student or professor in appointment) | getAppointment |
| /user/:id | GET | admin, self | getUserAppointments() |
| /user/:id/pending | GET | admin, self | getUserAppointments(true) |
| /user/:id/non-pending | GET | admin, self (only professor) | getUserAppointments(false) |
| /:id/book | PUT | admin, student (only for self) | bookAppointment |
| /:id/cancel | PUT | admin, self (if student or professor in appointment) | cancelAppointment |
| /user/:id/cancel | PUT | admin, self | cancelAllUserAppointments |
| /:id | DELETE | admin, professor (only for self) | deleteAppointment |
| /user/:id | DELETE | admin, professor (only for self) | deleteAllProfessorAppointments |
| /all | GET | admin | getAllAppointments |
| /all/pending | GET | admin | getAllPendingAppointments |
| /all/non-pending | GET | admin | getAllNonPendingAppointments |
| /all/cancel | PUT | admin | cancelAllPendingAppointments |
| /all | DELETE | admin | deleteAllAppointments |
| /all/pending | DELETE | admin | deleteAllPendingAppointments |
| /all/non-pending | DELETE | admin | deleteAllNonPendingAppointments |
| /:id/populated | GET | admin, self (if student or professor in appointment) | getPopulatedAppointment |
| /all/populated | GET | admin | getAllPopulatedAppointments |
| /all/pending/populated | GET | admin | getAllPendingPopulatedAppointments |
| /all/non-pending/populated | GET | admin | getAllNonPendingPopulatedAppointments |