# External Entity List

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| **External Entity** | **Description** |
| General Manager | Handles external operations like exams and 1 to 1 tuition |
| External Teacher | Teaches 1 to 1 tuition with students at centres across the country |
| External Examiner | Marks the examinations |
| Exam Customers | Pay to take an exam |
| Parents | Register and pay for their child / children to take classes. |
| Students of 1 to 1 Tuition | Pay to learn instrument(s) in a 1 no 1 setting with an external teacher |
| Students of Leaving Cert Program | Pay to do Leaving Cert level music class content and take the Leaving Cert exam in music |
| Students of Diploma/Degree level Programs | Students apply to a range of diploma and degree level music courses that run in the academy |
| Box Office Customers | Customers that book to view box office performances |
| Box Office Staff | Employees hired to work at the box office |
| Box Office Performers | Performers perform at the box office in front of a live audience |

# List of Documents

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| **Document** | **Description** |
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| Exam Application Form | Customers will fill out the form to apply for an exam, detailing their name, subject/instrument, grade, county and nearest town. Customers can also fill out the preferred centre name if known. |
| Candidate Result Sheet | Filled out by an examiner. Details centre the exam took place, exam date, exam number, exam time, examiner, applicant, subject/instrument and grade level. Also displays the marks based on the subject/instrument. |
| Exam Receipt | Receipt for proof of payment to take an exam. |
| Grade Certification | Certificate to show a candidate passed an exam in a particular subject/instrument. Details the grade level the candidate passed in. |
| 1 to 1 Tuition Form | A form to sign a person up for 1 to 1 tuition, the person must fill out the candidate’s name, contact details, address, subject/instrument(s), grade level. |
| Leaving Cert Program Form | Form to sign up for the SAOM Leaving Cert program. |
| Leaving Cert Program Invoice | A request for payment sent to the student/parent. |
| Leaving Cert Program Certification | Certificate to show the student passed the leaving cert exam in music at the SAOM. |
| Diploma/Degree Program Form | Form to sign up for a Diploma/Degree program, must fill out candidate details and which program. |
| Diploma/Degree Program Invoice | A request for payment sent to the student. |
| Diploma/Degree Certification | SAOM Certificate showing the diploma/degree program the student has completed. |
| Box Office Booking Form | Filled out to make a booking to view a box office performance. |
| Box Office Ticket | A ticket to attend a box office performance, detailing what performance and the date & time of the performance. |
| Box Office Receipt | Receipt for proof of payment for a booking. |

# Initial List of Requirements

* Add, update and delete exams.
* Add, update and delete candidates taking exam.
* Add, update and delete examiners.
* Add, update and delete exam books.
* Add, update and delete candidate results.
* Add, update and delete Internal Teachers for Leaving Cert / Diploma / Degree Programs.
* Add, update and delete External Teachers for 1 to 1 Tuition.
* Add, update and delete general managers.
* Add, update, withdraw and delete Students.
* Add, update and delete Leaving Cert Program(s).
* Add, update and delete Diploma Programs.
* Add, update and delete Degree Programs.
* Add, update and delete 1 to 1 Tuition Classes.
* Add, update and delete Student Timetables.
* Add, update and delete Teacher Timetables.
* Users can register/create accounts.
* Admins/Teachers/Users can login.
* Admins/Teachers/Users can logout.
* Users can browse classes / programs.
* Users can browse Box Office Performances.
* Users can apply to attend exams.
* Registered users can apply for 1 to 1 Tuition Classes.
* Registered users can apply to Leaving Cert / Diploma / Degree Programs.
* Add, update and delete Box Office performances.
* Public can Book to view performances.
* Add, update and delete Instruments.