# Black Box Test Plan for Admissions

The text in bold in the **Description** column represents the test inputs to the program. You can stop program execution by pressing Ctrl+C.

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| **Test ID** | **Description** | **Expected Results** | **Actual Results** |
| testEngineeringDeny  Author: Dr. Balik | *Preconditions:* Admissions program started  <<Header>>  Applicant Name: **Marc Jacob**  E (Engineering), J (Journalism), or F (Fine Arts): **e**  Math SAT score (200-800): **300**  Reading/Writing SAT score (200-800): **300**  Weighted high school GPA: **2.0**  Number of alumni family members: **0** | Admission Status: Deny  Program Exits |  |
| testEngineeringDeferLowerBound | *Preconditions:* Admissions program started  <<Header>>  Applicant Name: **John Smith**  E (Engineering), J (Journalism), or F (Fine Arts): **e**  Math SAT score (200-800): **500**  Reading/Writing SAT score (200-800): **400**  Weighted high school GPA: **3.8**  Number of alumni family members: **0** | Admission Status: Defer  Program Exits |  |
| testEngineeringDeferUpperBound | *Preconditions:* Admissions program started  <<Header>>  Applicant Name: **Jane Doe**  E (Engineering), J (Journalism), or F (Fine Arts): **e**  Math SAT score (200-800): **699**  Reading/Writing SAT score (200-800): **599**  Weighted high school GPA: **4.0**  Number of alumni family members: **0** | Admission Status: Defer  Program Exits |  |
| testEngineeringAcceptLowerBound | *Preconditions:* Admissions program started  <<Header>>  Applicant Name: **Rick Bobby**  E (Engineering), J (Journalism), or F (Fine Arts): **e**  Math SAT score (200-800): **700**  Reading/Writing SAT score (200-800): **600**  Weighted high school GPA: **3.8**  Number of alumni family members: **0** | Admission Status: Accept  Program Exits |  |
| testEngineeringAcceptDueToAlumni | *Preconditions:* Admissions program started  <<Header>>  Applicant Name: **Dave Cooper**  E (Engineering), J (Journalism), or F (Fine Arts): **e**  Math SAT score (200-800): **600**  Reading/Writing SAT score (200-800): **500**  Weighted high school GPA: **3.9**  Number of alumni family members: **2** | Admission Status: Accept  Program Exits |  |
| testJournalismDeny  Author: Dr. Balik | *Preconditions:* Admissions program started  <<Header>>  Applicant Name: **Betti White**  E (Engineering), J (Journalism), or F (Fine Arts): **J**  Reading/Writing SAT score (200-800): **400**  SAT Essay Writing score (2-8): **6**  Unweighted high school GPA: **3.2**  Number of alumni family members: **3** | Admission Status: Admit  Program Exits |  |
| testJournalismDeferLowerBound  Author: Dr. Balik | *Preconditions:* Admissions program started  <<Header>>  Applicant Name: **Suzi Queue**  E (Engineering), J (Journalism), or F (Fine Arts): **J**  Reading/Writing SAT score (200-800): **400**  SAT Essay Writing score (2-8): **6**  Unweighted high school GPA: **3.2**  Number of alumni family members: **3** | Admission Status: Admit  Program Exits |  |
| testJournalismAdmitDueToAlumni  Author: Dr. Balik | *Preconditions:* Admissions program started  <<Header>>  Applicant Name: **Sally Jones**  E (Engineering), J (Journalism), or F (Fine Arts): **J**  Reading/Writing SAT score (200-800): **400**  SAT Essay Writing score (2-8): **6**  Unweighted high school GPA: **3.2**  Number of alumni family members: **3** | Admission Status: Admit  Program Exits |  |
| testInvalidSchool  Author: Dr. Balik | *Preconditions:* Admissions program started  <<Header>>  Applicant Name: **Sandra Brown**  E (Engineering), J (Journalism), or F (Fine Arts): **x** | Invalid school  Program Exits |  |
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