**Study Buddy**

**Author (s):** _Dania Herzalla_      **Date:**      _11.5.2020_

     **Version:**      ____1.0____

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| **USE CASE NAME:** | Register and enter basic personal information. | **USE CASE TYPE** |
| **USE CASE ID:** | #001 | **Business Requirements: true** |
| **PRIORITY:** | High | |
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| **PRIMARY BUSINESS ACTOR:** | Student | |
| **OTHER PARTICIPATING ACTORS:** | · System<br><br>· Database | |
| **OTHER INTERESTED STAKEHOLDERS:** | N/A | |
| **SHORT DESCRIPTION:** | This use case describes the registration process of a student, a necessary step to be able to use the Study Buddy website. A mandatory part of this process, the student provides their basic personal information (name, year, major, gender). This information is to be used when matching studying partners. | |

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| **PRE-CONDITION:** | Student must be part of an educational institution to register successfully. | |
| **TRIGGER:** | Student clicked 'Register' button. | |
| **TYPICAL COURSE** | **Actor Action** | **System Response** |
| **OF EVENTS:** | **Step 1**: Student enters university email, netID, first name and last name. | **Step 5:** System redirects user to Multi-Factor Authentication (MFA) page. |
| | **Step 2**: Student enters their net ID, academic year, major and gender. | **Step 6:** Student enters necessary credentials for Multi-Factor Authentication (MFA) system. |
| | **Step 3:** Student chooses and confirms password for their account. | **Step 8:** System redirects authenticated student with valid password to the Study Buddy home page. |
| | **Step 4:** Student selects "Register button". | |
| | **Step 7:** System receives MFA user authentication message confirmation. | |
| **ALTERNATE COURSES:** | **Alt-Step 6:** If the student enters incorrect credentials on MFA authentication page, the student will receive an error message and will remain on MFA page until authenticated. | |

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| **CONCLUSION:** | User creates account successfully and can now use study buddy webpage with students from their educational institute. |
| **POST-CONDITION:** | Database updated with new user information. |
| **BUSINESS RULES:** | N/A |
| **IMPLEMENTATION CONSTRAINTS AND SPECIFICATIONS:** | N/A |
| **ASSUMPTIONS:** | 1. University has MFA system. 2. The student provided accurate information for the personal information requested. |
| **OPEN ISSUES:** | 1. Need to create confirmation methods to ensure a student does not provide false or fabricated information which would be deceptive to study buddy community, leading to larger issues if there are students that prefer not to pair up with certain students for personal issues. |
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