# A4: Supplementary Requirements

1. **Business Rules**

| **Identifier** | **Name** | **Description** |
| --- | --- | --- |
| BR01 | Department rule | Each user can only belong to one Department. |
| BR02 | Partnerships | All aspects (engineering and/or financial) of any partnerships should be represented in the partnership folder. |
| BR03 | Project Teams 1 | The project teams must only have relevant people selected by the Board to complete the project. |
| BR04 | Project Teams 2 | The project teams must have at least one member from each department. |
| BR05 | Recruitment 1 | The candidates must submit on phase 1, through his/her institutional email, his/her curriculum. |
| BR06 | Recruitment 2 | The Human Resources Department must evaluate all the submissions and decide those who move to the next phase telling them using record of selected candidates. |
| BR07 | Recruitment 3 | The candidates can only be part of the company iff after they’ve have been interviewed and accepted. |
| BR08 | Point system | The point system can only go up to 100, starting from 0. |
| BR09 | Shares 1 | All the associates, non-honorable members are obligated to pay the fee set by General Assembly. |
| BR10 | Shares 2 | The honorable associates are not obligated to follow rule above (BR09). |
| BR11 | U.Project Members | Every member of the U.Project (except the Board) will have an associated score from the point system. |
| BR12 | Promotions | The promotion of a member to the next level must follow a table of minimum points and later approval at a meeting of the Board/General Assembly. |
| BR13 | Academy 1 | The interns will have a formation of the duration of 2 weeks. |
| BR14 | Academy 2 | The interns must be divided by a formation of one or more teams decided by the U.Project Board to work on a project at full secrecy. |
| BR15 | Academy 3 | The interns will be evaluated by U.Project Board according to their school. |
| BR16 | Startup | The interns will be able to work with the U.Project or with U.Project clients, being the respective the ones who evaluate them. |
| BR17 | Activities plan 1 | To enter the Business Summer Challenge all candidates must sign in through the website and must pay the entry as a team. |
| BR18 | Activities plan 2 | To enter the U.Project at School all candidates must sign in through the website, they must send a contact to propose the U.Project team to go to their school, and the school must become a partner. |
| BR19 | Activities plan 3 | To enter the Vocational Orientation Seminar must sign in through the website, they need to be an associated with all the expenses covered by U.Project (at first) and it has a 5 day duration. |

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Table 1: Business Rules

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1. **Technical Requirements**

| **Identifier** | **Name** | **Description** |
| --- | --- | --- |
| TR01 | Web application | The system must be implemented as a Web application using HTML5, JavaScript, CSS4, Smarty and PhP. |
| TR02 | Availability | The system must be available / online 99.9999% of the time. |
| TR03 | Accessibility 1 | The system must ensure that everyone can access the pages, whether they have loading problems or not, or the Web browser they're using. |
| TR04 | Accessibility 2 | The system must be capable of handling all kinds of payment methods. |
| TR05 | Usability | The system must have a simple and intuitive interface. |
| TR06 | Portability | The system must work in different platforms (Windows, Linux and Mac OS). |
| TR07 | Performance | The system must have loading times lower than 1.5 seconds. |
| TR08 | Database | The system must use the latest version of PHPMyAdmin. |
| TR09 | Security | The system must protect unauthorized access information through the use of an authentication and privileges system. |
| TR10 | Security /  Encryption | The system must encrypt all users' passwords to ensure that only the owner knows the real password. |
| TR11 | Scalability | The system must be prepared to deal with the growing number of users and of related operations. |
| TR12 | Robustness 1 | The system must be able to run CloudFlare so that it can keep safe of DDoser’s and get a higher chance of being online even if it crashes. |
| TR13 | Robustness 2 | The system must be able to restart once a month to keep the server from overloading. |
| TR14 | Robustness 3 | The system must be able to back up at least once a day so that even at the worst case scenario the files will be saved to guarantee security and no file corruption no matter what the problem is. |
| TR15 | Robustness 4 | The system must be prepared to treat and to keep running when runtime errors occur. |
| TR16 | Online | The system must be always online during the U.Project Academy days to ensure that the results are published. |

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Table 2: Technical RequirementsTop of Form

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1. **Constraints**

| **Identifier** | **Name** | **Description** |
| --- | --- | --- |
| C01 | Deadline | The system must be ready to use on late 2016. |
| C02 | Non-Disclosure Agreement | Do not communicate the work being done within U.Project to outsiders of this project. |
| C03 | Copyright | Do not copy any developing projects. |

Table 3: Constraints