# 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 | The project teams must only have relevant people selected by the Board to complete the project. |
| BR04 | Project Teams | The project teams must have at least one member from each department. |
| BR05 | Recruitment | The candidates must submit on phase 1, through his/her institutional email, his/her curriculum. |
| BR06 | Recruitment | The department of the human resources must evaluate all the submissions and decide those who move to the next phase telling them using record of selected candidates. |
| BR07 | Recruitment | The candidates can only be a part of the company if after they’ve have been interviewed and accepted. |
| BR08 | Point system | The point system can only go up to 20, starting from 0. |
| BR09 | Shares | All the associates, non-honorable members are obligated to pay the fee set by General Assembly. |
| BR10 | Shares | 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 | The interns will have a formation of the duration of 2 weeks. |
| BR14 | Academy | 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 | 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 | Financing model | All expenses of the interns are of the responsibility of themselves, U.Project is not obligated to cover this expenses. However if they need material for the realization of the tasks, this can be provided by U.Project. |
| BR18 | Activities plan | To enter the Business Summer Challenge all candidates must sign in through the website and must pay the entry as a team. |
| BR19 | Activities plan | 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. |
| BR20 | Activities plan | 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 | 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 | 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 | 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 | The system must be able to restart once a month to keep the server from overloading. |
| TR14 | Robustness | 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 | 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 | Deadline | Plan everything ahead so that no one breaks the deadlines. |
| C03 | Non-Disclosure Agreement | Do not communicate the work being done within U.Project to outsiders of this project. |
| C04 | Copyright | Do not copy any developing projects. |

Table 3: Constraints