# 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 | Startup Network | Encourage students at the University to develop their projects |
| BR04 | Startup Network | Provide a wide range of *soft skills* to young people from 14 to 30 years |
| BR04 | Appeal | Stimulate the approach the University's students with businesses |

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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