Introduction

In the frame of Accessibility Chairs Department’s actions, the objective of this project was to find a solution for two students of Vilanova: Dario and Sergi. These teenagers always need assistance to stand up, so they needed devices to make them more autonomous. The solutions selected must be adapted to each boy regarding his disability and needs. To achieve the goals of the project, the team had four months and no starting budget.

Dario’s Prototype

Sergi’s Prototype

Conclusion

All the possible solutions to assist the students to stand up from their wheelchairs have been studied. The solutions selected improved the client’s quality of life and made them more independent. The team expect that the products developed can also benefit the parents, teachers and the boy’s physiotherapists. The devices can always be improved according to the futures necessities of both students.