PROPOSAL TO COLORADO SCHOOL OF MINES COMPUTER SCIENCE DEPARTMENT FOR PROJECT CSCI 370 – ADVANCED SOFTWARE ENGINEERING SUMMER SESSION 2022

SIF Language School (DBA Spanish is Fun LLC) is a private Spanish language school based in Denver, Colorado. The school was founded by Silvia Cubillos Velez in 2001 after arriving in Colorado from Colombia. For the last 20 years, our school has offered individual and group classes in Spanish to children, families, and adults on a daily basis. SIF has also been recognized for its creative cultural and informational approach to teaching by sponsoring One Day Immersions and Spanish Language social events. Over the years our school has created an inclusive community where Spanish speakers from all over the world feel welcome and can interact with English speakers in the Denver Metro area.

In 2020 Silvia Cubillos Velez published her book, Neuroscience: The Key to Better Learning, based on observations of her students and the learning process. Later in 2020, she published a Spanish Workbook for Beginners with exercises based on principles of Neuroscience outlined in that same book. With the onset of the COVID pandemic, SIF began operating in the virtual world by teaching classes online, and the next logical step was to search for other new and exciting tools to complement both personal and online Spanish teaching.

Our proposal submitted last year to the Colorado School of Mines Computer Science Department for the CSCI 370 Advanced Software Engineering Projects Class was to collaborate on the development of a mobile App for Android and Apple phones which could be used as an instructional tool to complement the Beginners Spanish Workbook. This work was based on my book, "Spanish for Beginners" with principles outlined in my BPL (Brain Path Language) system. Our vision was that the App could be designed in different modules depending on the time and interest of the student team. The project would contain images, sound, and programming to make the App very interactive.

We are looking for a new team of computer science students for the summer semester 2022 who can build on the App foundation created by last semester's team and add additional interactive exercises and content related to them. The new team must work on the appearance aspects of this App to bring it more in line with the book. The emphasis would be to build as much of the functionality of the App as they can. The eventual goal of the App development would be getting the App to the proper state in order to upload it to the Android and Apple Store. However, because of the limited timeline during this semester we are aware that this goal may not be achieved.

Our desire is to attract students with an interest in Linguistics or those who come from other language backgrounds and might find this project interesting and challenging. We would prefer team members with knowledge of the Spanish language. **We anticipate that the team size for this project should be 3-5 students with technology skills and some experience or understanding of mobile app development with Dart or Flutter.**

All students participating in this project would be requested to sign a non-disclosure agreement that would protect all copyright and trademark rights of SIF Language School. Additionally, all software developed during the work on this App with Colorado School of Mines would be the property of SIF Language School.

Thank you very much for considering our project proposal for Summer Semester 2022. We would be honored to work with your students.

Sincerely,

Silvia Cubillos Velez
Director and Owner
SIF Language School
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