# Logos/cis-logo-exports-final-8-2015-3/Web/2_Department_Lockups/InformationScience/cis-infosci-2-color.pngMaster of Professional Studies in Information Science

# Sponsored Project Proposal Form – Spring 2018

Please complete the following project proposal form to sponsor an MPS Project. This form will be used to determine if your project is appropriate for MPS students and whether it is of sufficient scope for a semester long project (~400-500 person-hours). We will assign teams with complementary skills based on the skills and experience you list in this form. We will also share most of this form with the students to help them make their top project choices before we assign the projects.

Please direct any questions to the MPS Project Coordinator: [is-mps-projects@cornell.edu](mailto:is-mps-projects@cornell.edu)

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| Sponsor Name | | Credit Suisse | | | | | | | Date | 03.01.2017 |
| Contact Name(s) | | Jean-Baptiste Clion | | | Email(s) | Jean-baptiste.clion@credit-suisse.com | | | Phone | +41 76 576 36 13 |
| Description of the Sponsor | | | | | | | | | | |
| Credit Suisse Group is a Swiss multinational financial services holding company, headquartered in Zürich, that operates the Credit Suisse Bank and other financial services investments. The company is organized as a stock corporation with four divisions: Investment Banking, Private Banking, Asset Management, and a Shared Services Group that provides marketing and support to the other three divisions. | | | | | | | | | | |
| Please indicate which academic year and semester you would like to propose your project. | | | | | | | | | | |
| Year | 2018 | | Semester | Fall | | | Spring |  | | |
| Project Title | | | | | | | | | | |
| **PWAIB** // **P**rogressive **W**eb **A**pp **I**n **B**usiness | | | | | | | | | | |
| Project Goal or Description | | | | | | | | | | |
| Credit Suisse hold many web and mobile applications. These applications can be accessed through Android and iOS. Native applications and web applications require different code base and different deployment processes. A certain workload is therefore associated to such differences, the challenge would be to identify technical solutions able to reduces these differences.  Progressive Web Apps are experiences that combine the best of the web apps and the best of native apps. It loads quickly, have offline capabilities and behave as a native application but rely on web technologies.  The purpose of this project is to identify technical solutions able to provide similar capabilities on Android and IOS and to develop a simple PoC in order to demonstrate the solution. | | | | | | | | | | |
| What activities are necessary to achieve the project goal? | | | | | | | | | | |
| The student would perform an analysis to identify tangible solutions able to provide Progressive Web Apps experience on mobile. This analysis would require a direct collaboration Credit Suisse. The student would therefore need to achieve the following activities:   1. Gather requirements with Credit Suisse 2. Identify possible technical solutions with Credit Suisse 3. Develop a simple Proof of Concept 4. Present the project to Credit Suisse mobile team | | | | | | | | | | |

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| What outcome would determine that the project is a success? Do you expect specific deliverables? |
| The project would be a success if:  Student would deliver a research document identifying possible solutions able to provide Progressive Web App experience on Android and iOS. The student would have to provide a proof of concept demonstrating an identified solution. |
| What are the skills and experience must the students already know to start work on the project?  Please be specific and keep in mind that students will be building their skills during the duration of the project. |
| Here are is a set of skills required to start on the project:   1. Ability to interview and gather functional and technical requirements 2. Ability to interact with stakeholder 3. Ability to structure technical concepts in order to explain technical solutions 4. Ability to read and write JavaScript code |
| What are the skills and experience required to complete the project that the students may learn while completing the project? |
| The student would acquire the following experience/skills:   1. Ability to collaborate with partner (Credit Suisse) 2. Ability to build concepts associated to given solutions/products 3. Ability to challenge technical concept/solutions 4. Learn to web and mobile ecosystem on mobile |
| The project representative must be available 30 minutes per week for status reports, the interim report, and the final presentation. As the project sponsor, are you able to make this time commitment?  Yes. Please elaborate. |
| This project is really about innovation and mobile strategy. Having the student in meetings or tech workshop would be a good way to set this project for success. Yes, 30 min to 1 hour per week would be necessary to drive to project. |
| Some sponsors may choose to spend additional time with the student teams, e.g. phone contacts for monthly status discussions, reviewing research results, providing midpoint project feedback, and offering input to the final deliverables in advance of its completion. As the project sponsor, are you available to participate in these or any additional activities?  Yes. Please elaborate. |
| Such project can be seen as a collaboration between different stakeholders (Business, Software Editors & Academics). This collaboration would therefore require regular call to align and drive the research. In this context, the collaboration with Credit Suisse would rely on CCRO and possibly BYOD Services. |
| The project representative needs to facilitate access to company resources as needed and approve expenses. As the project sponsor, are you able to facilitate access to such resources, should the need come up?  Yes. Please elaborate. |
| Expenses would need to be identified in early stage in order to set the right level of expectations from both sides. |
| Please consider other contributions listed below. Are you willing to make these contributions? (check all that apply)  Provide existing industry and company data as background at the beginning of the project.  Pay one or more team members to travel to your location for initial briefing / work session / final presentation.  Please elaborate. |
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| Please send your completed project proposal to the MPS Project Coordinator: [is-mps-projects@cornell.edu](mailto:is-mps-projects@cornell.edu) |