Proposal (Group 5)

I. Group members:
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II. Name: RUMguide

III. Place: UPR Mayaguez, Puerto Rico

IV. Date: 2020 - onward

V. Current Situation: Information is not centralized, therefore, students are often unaware of the process and/or documents required for facilities and programs on campus.

VI. Needs and Ideas: Create a centralized source of information, accessible to all students.

VII.
   A. Concept: A "survival guide" type of application that will assist the students of the UPRM campus. To do this it will provide helpful tools such as a GPA calculator, a schedule display, information regarding the campus' buildings and phone number extensions, and a Task Manager to guide students while they're completing errands on campus.
   B. Facilities: It will be implemented in a WebApp style, utilizing tools such as Scala, and Scala.js.

VIII.
   A. Scope: UPRM
   B. Span: Students of UPRM

IX. Assumptions and Dependencies: Gather all the information that's available regarding the campus.

X. Implicit/Derivative Goals: Centralize information and make organizing more efficient for students.

XI. Synopsis: As young adults, students tend to find themselves in the midst of having to complete a task while having absolutely no idea where to start. RUMguide™ would be a "survival guide" of sorts. One could upload their schedule, calculate their GPA, and find buildings on campus. Asides from these features, one would be able to find all the phone number extensions for facilities on campus, as well as a handy Task Manager with information of facilities offered on campus and where to find certain documents to complete academic processes.

XII. Standards Compliance: TBA: It has to be compliant with the World Wide Web Consortium (W3C).

XIII. Contracts: The contracts involved with the project will ensure that the staff working on the project will follow the laws involving confidentiality, security and integrity regarding the users of our application.

XIV. Teams:

A. Management
- The management is set to ensure that tasks are done in an effective and timely manner, while evaluating risks and look for ways to mitigate or reduce them.

B. Development
- The development will be based around working on implementing the base of the application utilizing the tools previously mentioned and regularly updating the information used.

C. Client Staff
- The client staff will deal with the compilation and gathering of up to date information regarding the campus. This will help maintain our application's information relevant and useful.

D. Consultants
- The consultants' role would be replaced with query of students that would be organized to test and consult. This will provide a more accurate source of information since it would come directly from the users.