# Project Proposal

Our product is a specialized web site focused on providing loan and grant information for businesses and entrepreneurs via interactive search tools and intuitive user design. The Small Business Administration (SBA) website provides a Web API specialized in loans and grants searches. Our team will take advantage of this tool in order to search and retrieve data from the SBA’s database.

# Tools and Technology

* API technical details: <http://api.sba.gov/doc/loans_grants.html>
* Bootstrap (UI Framework): <https://bootswatch.com/cerulean/>
* HTML 5
* ASP.NET
* JavaScript / jQuery
* AngularJS

# Documentation To Be Considered

* Requirement Specifications (Document)
* Design Document
* Technology Stack (Diagram)
* Test Cases (Diagram)

# Specifications

* Home Page for first time and returning users
* Main Navigation tool bar including advanced search, historical search, about and contact us information.

# Team Roles and Team Composition

The team members would like to put their strengths into practice in order to assist the team and complete the project. However, we are all interested in going outside of our comfort zones and picking up diverse tasks. Therefore, for the first two weeks the roles are distributed but in two weeks, we will revisit and swap roles depending on who wants to expand their experience with a different role.

* **Team Lead – Aleksandra Trendafilova**  
  Plans and facilitates the meetings, sends reminders and follow-ups.

Creates meeting agendas.

Keeps track of weekly deliverables, meetings’ minutes, attendees and tasks.  
Overlooks the flow of the project to make sure everybody is on track.  
Coordinates and assists with all tasks.

Directs the project flow and handles conflicts.

* **Senior developer – Waseem Awan**  
  Guides resolution of merge conflicts.  
  Performs research work on the technology and industry trends.  
  Consults on platforms and program languages to be used for the development of a product.  
  The senior developer is in charge of the product's architecture and design.
* **Usability lead – Marvin Brown**  
  Captures User Experience of the overall project from beginning to end.  
  Performs user research and testing.  
  Sets the user standards and acts as the users' advocate in the development process.  
  Aids in project requirements and assists the team in design conception with the use of wireframes or prototypes.  
  Participates in the testing process to ensure the effectiveness of the design and determines if goals are met through user testing.  
  Evaluate the success of the project from the perspective of user satisfaction.
* **Test expert – Guy O’Neal**  
  Creates test cases/scenarios.  
  Creates test scripts.  
  Tests functional and non-functional requirements.  
  Verifies the system's integrity and stability.