**Requirements Specification Document**

**The Automotive Advanced Analytics Research Centre web portal**

1. **Introduction**

AAA is a research unit uniting staff members, research assistants and PhD students from the Departments of Engineering and Computer Science, University of Bradford.

With the changes in the audience expectations and University's CMS progress, there is a need for consistent content update and maintenance for the AAA online research profile. Its current audience includes industry and academic collaborators, potential applicants for research studies, research assistantships, or internships, and own members.

The site should contain information to the AAA research outputs: members and former members' list and profiles, publications, projects, talks, news. It should follow similar institutions structure and align to the University's CMS requirements. The pages should be optimised for desktop and mobile browsing, and reuse the existing information on staff profiles.

The deliverables include: an optimised database design and content, a flexible web front end, and a sensitive business layer that allows search and import/export of data stored.

This requirements specification document is based on the first scenario and an interview with Morteza Soleimani.

1. **Functional Requirements**

**Users**

AAA will have 10 users. Each called by their names. These 10 users will have login details and will be allowed to edit or add anything on the Automotive Advanced Analytics Research Centre Web Portal. These 10 users are Team members of Automotive Advanced Analytics Research Centre.

**Functions and their description**

**Login and logout**

for AAA team members: Each AAA team member will have an administrator account already set up which will allow them to login into the portal with a username and password that is unique to everyone else’s. Each AAA member will login with similar credentials. These will be validated upon entering and if they are not correct they have to be re-entered.

**Account Registration**

Each AAA member is registered with the system (a name and a password) by the web portal administrator creator.

**Editing**

Team members will have rights to edit any part of the web portal. Due to the need of consistence content update and maintenance for the AAA online research profile.

1. **Data Description**

**Users**

Name- an identifier of max 25 Characters

Password- Min 6 and max 15 characters with One uppercase letter

1. **Interface**

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