

Project Handover Document GRP-Partners App

BY GROUP-5

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Group-5 Project :Deployment link(<https://hyperfed21-cnc-grp.netlify.app/>)

GRP GROUP | STOCKHOLM

1.0 Development/Architectural Approach(<https://hyperfed21-cnc-grp.netlify.app/>)

CONTENTS OF THE SECTION: This section provides a basis for the major design decisions used in the software architecture and development process. It describes design approaches applied to the software architecture, including the use of architectural styles or design patterns. The section also provides a basis for the selection of those approaches. It also describes basic requirement and the user stories to provide a user a base for the dry run of Application.

In the list below it is described the motivation for the main design decisions represented by the software architecture:

- **Figma:** Selected the Figma as a design & prototype tool the reason to select the tool because it's nice to collaborate and give feedback to each other in the team. Also, every one of us is familiar with its use.
- **React JS:** We have decided to choose the React which is a Java script library to implement design. The reason to Select the React Js is that because the client wants the desktop first approach but at the same time GRP prefer to use the Application on Mobile devices as well. As the React JS is very good tool to develop the hybrid application.
 - (Development platform) React JS;
 - (Design) Bootstrap and CSS;
 - (Data) Data.json;
 - (Web server) Internet Information Services (IIS);
 - (operating systems) Windows, Mac, IOS and Android;
- **Web-based software:** To enable GRP-Partners and other external stakeholders to use the system efficiently, it was agreed to proceed with a web-based architecture allowing users to interact with the system by using a web browser (desktop or mobile)
- **System components:** The system is divided into various parts, architecturally separating the responsibility into sub-parts:
 - Client browser: The frontend closest to the user working with HTML(JSX)/CSS(Bootstrap)/JavaScript/React to provide a seamless interaction with the system;
 - Public web site: The user frontend containing layered user interface and simple business logic interface;
 - Admin web site: Admin can change the physical and logical view of the web application as per requirement.

1.1 Requirements Coverage and User stories

CONTENTS OF THIS SECTION: This section describes the requirements (original or derived) addressed by the software architecture/development and then user stories to further explained the requirement.

1.1.1 The main requirements of the GRP-Partners system are:

- *[Display all the GRP-Partners on a single page]*
Any guest visitor to the website can view a dynamic list of GRP-Partners on Website.
- *[A user can search the GRP-Partner by region]*
A GRP web user, assuming adequate access rights are in place, can the GRP-Partners by region.
- *[A user can search the GRP-Partners by theme]*
A GRP web user, assuming adequate access rights are in place, can the GRP-Partners by region.
- *[A user can view the Details about the GRP-Partner]*
A GRP-User Open Further details section which contains information about partners vision, mission, working relations and Projects.
- *[An Admin can easily maintain and update the Data/contents]*
Admin can easily change the data dynamically just by changing the records from the Json data file.

1.1.2 User stories

1. As a **user**, I **want** to navigate the GRP Partner's page **so that** I will be able to see the GRP partners page. *(Must)
2. As a **user**, I **want** to see all the GRP Partners **so that** I will be able to identify the GRP registered Partners. *(Must)
3. As a **user**, I **want** to grasp the GRP Partners by region **so that** I can see only the region- based partners.

3.1 As a **user**, I **want** to click on the sort by region button **so that** only the sorted GRP- Partners by region are displayed on the GRP-Partner's page.

3.2 As a **user**, I **want** to select the specific GRP-Partner **so that** on the selected GRP-Partners I can be able to click on the GRP-Partner Logo.

3.3 As a **user**, I **want** to click on the selected GRP-Partner logo **so that** I can be able to see the details of GRP-Partner and can browse the partner webpage.

4. As a **user**, I **want** to see the GRP Partners by Theme **so that** I can see only the theme- based partners.

4.1 As a **user**, I **want** to click on the sort by theme button **so that** only the sorted GRP-Partners by theme are displayed on the GRP-Partner's page.

4.2 As a **user**, I **want** to select the specific GRP-Partner **so that** on the selected GRP-Partners I can be able to click on the GRP-Partner Logo.

4.3 As a **user**, I **want** to click on the selected GRP-Partner logo **so that** I can be able to see the details of GRP-Partner and can browse the partner webpage.

5. As a **user**, I **want** to see more details about specific/selected GRP Partner **so that** I can be able to check more in-depth information about the Grp-Partner. *(Should)

5.1 As a **user**, I **want** to click on further details about Grp-partner at Grp-Partner main page **so that** I can be able to check more in-depth information about the Grp-Partner.
*(Should)

5.2 As a **user**, I **want** to click on further details about the sort by theme & region Grp-partner **so that** I can be able to check more in-depth information about the Grp-Partner. *(Should)