

Abstract:

It's a textile industrial building that produces yarn, woven and knitted fabric made of cotton for the civilian use, and provides all the services needed.

TEXTILE FACTORY (AL JAZIRAH STATE)

Designing an industrial building that accomodates all the main and supporting textile production activities, which produces a low-cost yarn and fabric with good quality to supply Sudan's local market with $\frac{1}{4}$ of it needs of textile products, considering all the project's aspects.

The study comes in five chapters,

- **General objectives:-**
 - Fulfilling the local market textile needs.
 - Decrease Sudan's dependency on textile imports, while at the same time increasing cotton export rates.
 - Achieving sustainable development through the locating of industrial projects in rural communities, especially poor ones.
 - Creating diversity business opportunities away from the oil sector.
 - Provide managers and textile specialists with advanced training programs.
- **Specific objectives:**
 - Create the optimal environment for production.
 - Create a healthy environment and reduce negative industry impacts considering sustainability.
 - Use advanced methods of industry.
 - Choose a suitable location that expedites the raw material obtaining at the lowest possible cost.
 - bridge the gap between production and consumption.
 - keeping up with new scientific technical development

Dedication:

I dedicate this humble project to the people of my country,
To all those who once worked hard in the textile sector,
To my parents **Mohamed Najeeb Altayeb** and **Intisaar Abdeen**
To all those who helped me get here.

I ask Allah for there be more of these kinds of projects in Sudan, providing its people with one of their simplest rights of live which is cloth covering them.

Acknowledgement:

I would first like to thank Allah for the blessing of knowledge.

I present my thanks and gratitude to my supervisor **Mr. Damir Yanich** for all the help he has given me,

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All the Teachers, My Parents, Family, Dear Friends and Collogues for their constant help and support.

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Epilogue:

لكل شئ إذا ماتم نقصان....

أسأل الله تعالى أن أكون قد أوفيت في كتابة هذه الأطروحة البحثية. وأتمنى ان اكون قد توفقت في
دراستها.

ولا يكلف الله نفسا إلا وسعها .. والحمد لله اولا وآخرا.. والحمد لله حمدا كثيرا طيبا مباركا
فيه .. والحمد لله كما يرضى لجلال وجهه وعظيم سلطانه...

وأتمنى ان يستفيد حملة العلم من بعدي من هذه الأطروحة في كل المشاريع الإنتاجية..
وما التوفيق إلا من عند الله .. فغن أحسنت فمن الله .. وإن أسأت فمني ومن الشيطان...