The Chair of Operations Management, together with the NPO Shades of Love, invites candidates for undertaking the project study

**Analysis and Planning of the Supply Chain of the Himalayan Eyecare Project “Shades of Love”**

**Task:**

The Himalayan Eyecare Project Shades of Love*, based in Munich, ([https://shadesoflove.org/](https://shadesoflove.org/)), is a non-for profit organization (NPO) with the goal of helping residents in high altitude regions of the world such as the Himalayan or the Andes who do not have access to proper eye protection with sunglasses in order to prevent eyes injuries due to UV radiation.

The supply chain of Shades of Love consists of collecting used and non-sold sun glasses in first world countries, testing and remanufacturing these, sending them into the demand areas and distributing them to the people in need. The processes along this supply chain are undertaken in part by volunteers and in part by logistic service providers on a pro-bono basis.

The project study is aimed at analyzing and optimizing this supply chain. In particular, it shall be investigated how the supply chain can be scaled and how resources (pro bono workers and service providers, donators) can be acquired. The ultimate goal of the project study is to improve the processes of Shades of Love in order to better the lives of people in need.

The project study is intended for students with knowledge and interest in one or more of the following areas: Operations and Supply Chain Management, Operations Research, Entrepreneurship and Humanitarian Logistics.

The project study provides a unique opportunity for students to contribute to a better world.

**Requirements:**

Student should have interest and knowledge in the field of Operations and Supply Chain Management, possibly joined by an interest in Entrepreneurship.

**Start and mode:** Anytime, full time or part time.

**Team size:** 2-3

**Language:** German or English

**Advisor TUM:** Prof. Dr. Rainer Kolisch

**Advisor Shades of Love:** Nick Huppmann (Manager for Strategy & Operations Management)

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