**Project Proposal**

**Sketch to Interface**

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Submitted to the

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**Abstract:**

An interface is front end of an application. It is meant for user to interact with application. Interface provide different tools and controls for user to fulfill their aim to use the application. Designing interface is takes a lot of time and effort of designer.

The aim of our project is to make it is easy not only for designer but for any person to design a quick interface for the application. You need to draw a sketch of interface. Application will convert drawn sketch into interface quickly. No any programming skills required.

**Background and Justification:**

There are some similar application in market used to make interface:

**Fligma** is a platform that brings together powerful design features. It provides already made interface templates and tools to make interfaces (1). **Pidoco** is online prototyping tool. With Pidoco you can easily create clickable mockups, wireframes and GUI prototypes without programming (2). **MockStore** consist of UI component packs and templates to kick start design for any interface. Also has feature to extend your UI design process with Power-ups. They reside within the editor providing useful add-ons like video feedback, prototype, and requirements, to do list (3). **Fluid** UI is used by about all designers. We want the rest of the world to join in the fun (4).

**Project Methodology:**

We are using Scrum project methodology for this Project. Scrum is simple but it is not a methodology. It is the opposite of a big collection of interlinked compulsory components Scrum implements the scientific method of empiricism. Scrum replaced an approach which is programmed algorithmic approach, for people and organization who face unpredictability and complex problems. Scrum approach described by Ken Schwaber and Jeff Sutherland (in their book Software in 30 Days).

**Project Scope:**

The application will be allowed user to take picture using camera of a drawn sketch. User can also upload picture from gallery. Then application will automatically convert sketch into interface. User can see interface online and can also save images of interface as jpg file. Application will generate a code of interface that user can download. There will be option to make changes in interface by changing in code. Application will not provide any separate tool to customize interface.

# **Objectives:**

* Easy to Use
* Easy to Customize
* Accurate
* Free of Cost
* User Friendly
* Time Saving

**References**

1. <https://www.figma.com/>
2. <https://pidoco.com/>
3. <https://www.mockflow.com/>
4. <https://www.fluidui.com/>