



Abhijeet K

OBJECTIVE:

To create something that will improve the way we create the new things.

CONTACT:



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SKILL SETS :

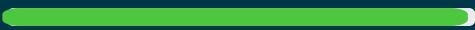
SOLIDWORKS



PHOTOSHOP



KEYSHOT



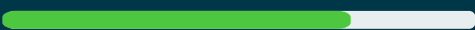
PRODUCT DESIGN



RESEARCH & TECHNICAL



FEA / HEAT ANALYSIS



Academic Qualifications:

- 2008-2013 B.E. Mechanical MMCOE - Pune University
- 2006-2008 H.S.C. - Science stream Garware collage - Pune
- 1994-2006 S.S.C. V.V.K. - Pune



Brief of experience and skillset :

- Holds 4.5 years of experience in the field of Research, Product design & Development of various consumer/medical/mechanical products & enclosures.
- Experience in concept generation, product development & eventually realising final production design & drawings, a complete end to end process for the projects.
- Experience in the research of subject, product feel, ergonomics, consumer impact & technical aspects with thermal management of products .
- Proficient Knowledge in Solidworks, CATIA, Auto-CAD ,Keyshot, Blender & Adobe photoshop.
- Good knowledge of Sheet Metal Part design and Plastic Product Design.
- Handle individual prototype Product Design & testing.
- Knowledge in DFM, ISO Standards, International Symbols and Standards.



Professional work experience :

- During BE Blue planet Infosolutions As a freelancer Product designer (Medical devices)
- Aug 2013 - Sept. 2014 Jr. Design Engineer Kushako India
- Oct2014 - July 2016 Product Design Engineer Span Pumps Pvt. Ltd
- Jan 2017- Nov2017 Design Engineer Span Pumps Pvt. Ltd
- Nov2017 - Present Sr. Design Engineer R&D ACZET Pvt. Ltd

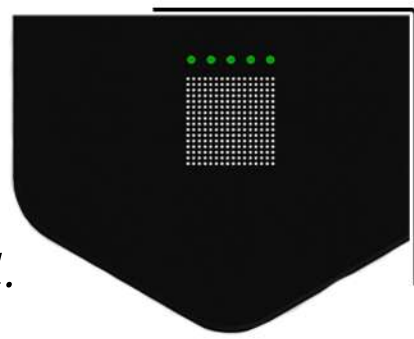
Eye

Product deals in IOT. Available in two types & corresponding mountings, commercial & industrial.

Input can be provided by wires \ wireless.

Device have a charging port, usb connector, audio port, Sim card & Memory card slot.

Interface is provided by touch at the front below the LED indicators.



Product material: ABS Matt & gloss finish

Software used: Solidworks (Design & modeling)

Keyshot (rendering & animation)

Adobe PS (finishing rendering, stickers & creating product presentations)

Travel Pill Box

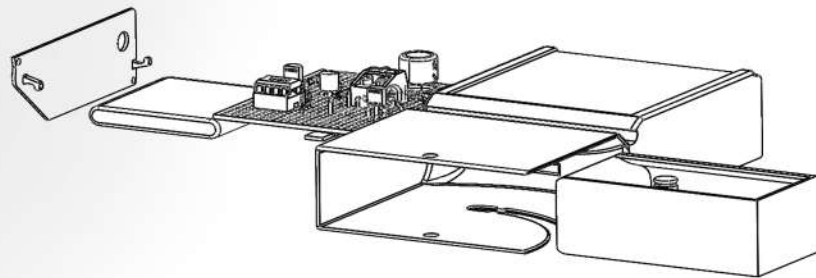
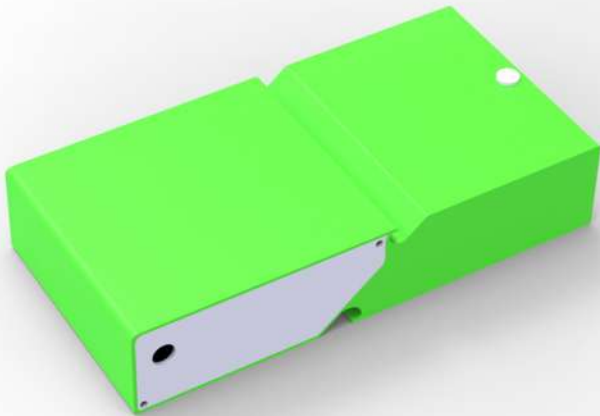
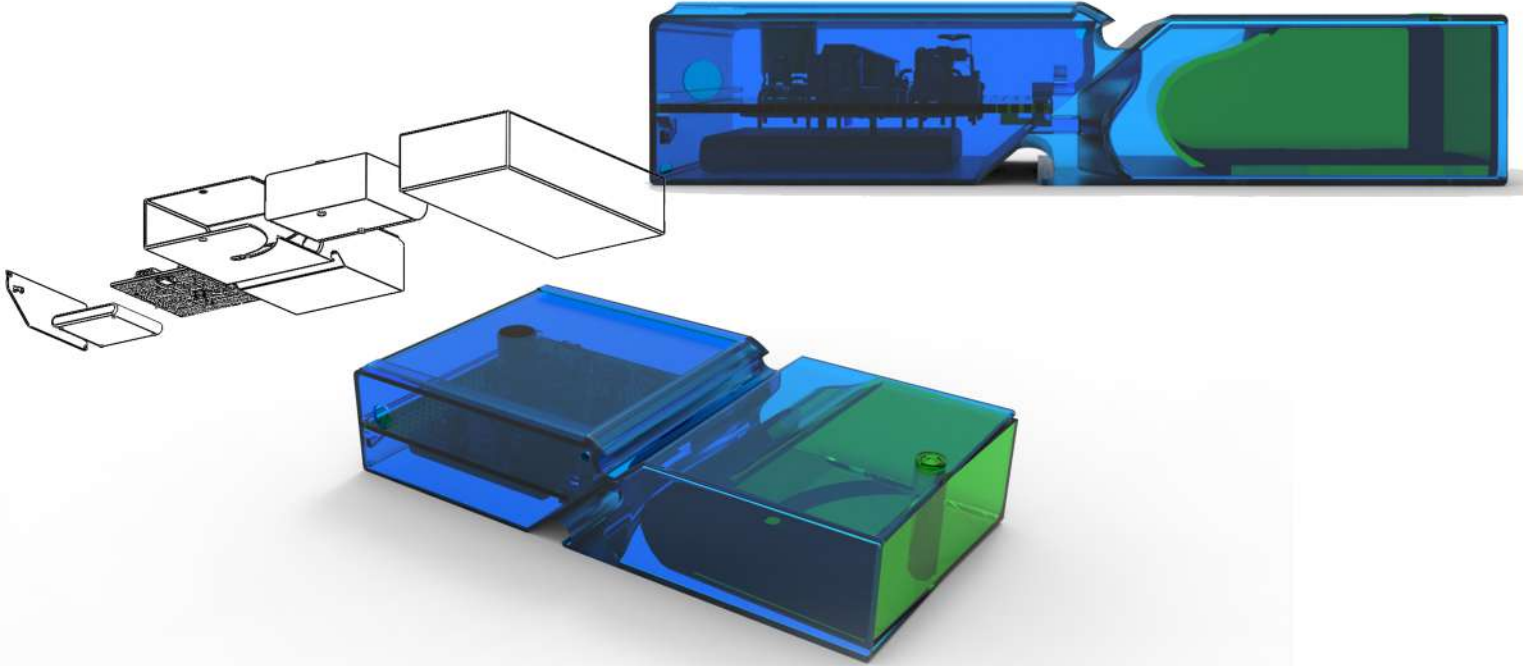
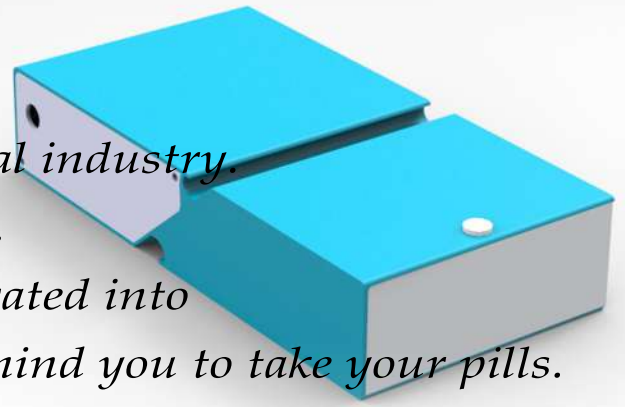
Video: <https://vimeo.com/77393172>

Product has been developed for US medical industry.

It is a travel companion to hold your pills.

It has a one pill bay and electronics integrated into it to send a notification in your app to remind you to take your pills.

The length & width of the product is exact to iphone 5, so that it is not a hassle to travel with or carry one in your pocket.



Material used: ABS

Software used: Solidworks (Design & modelling)

Keyshot & Blender (Rendering & animation)

Adobe PS (Product Stickers, packaging stickers, finishing renderings& product presentations)

QueenBee

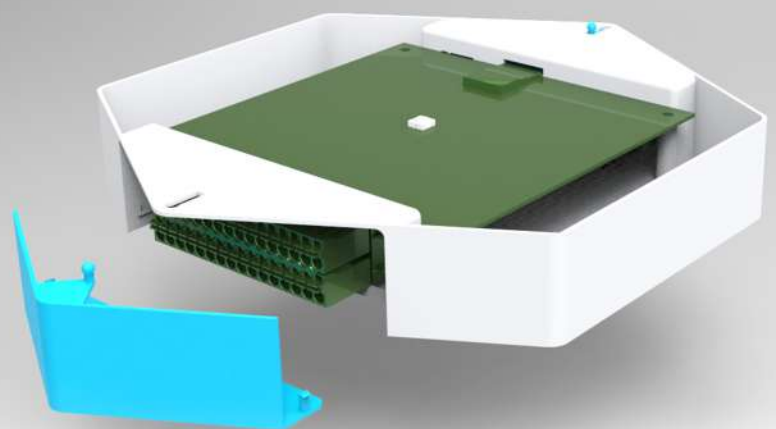
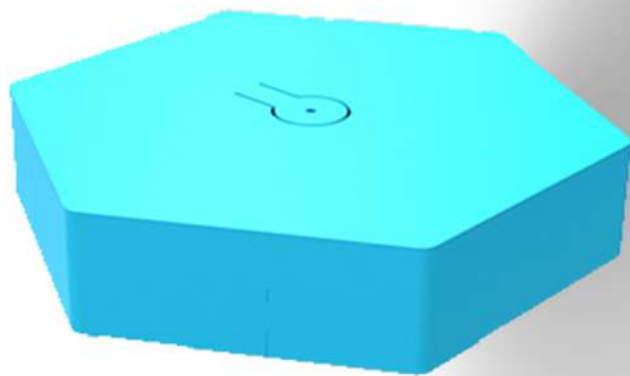
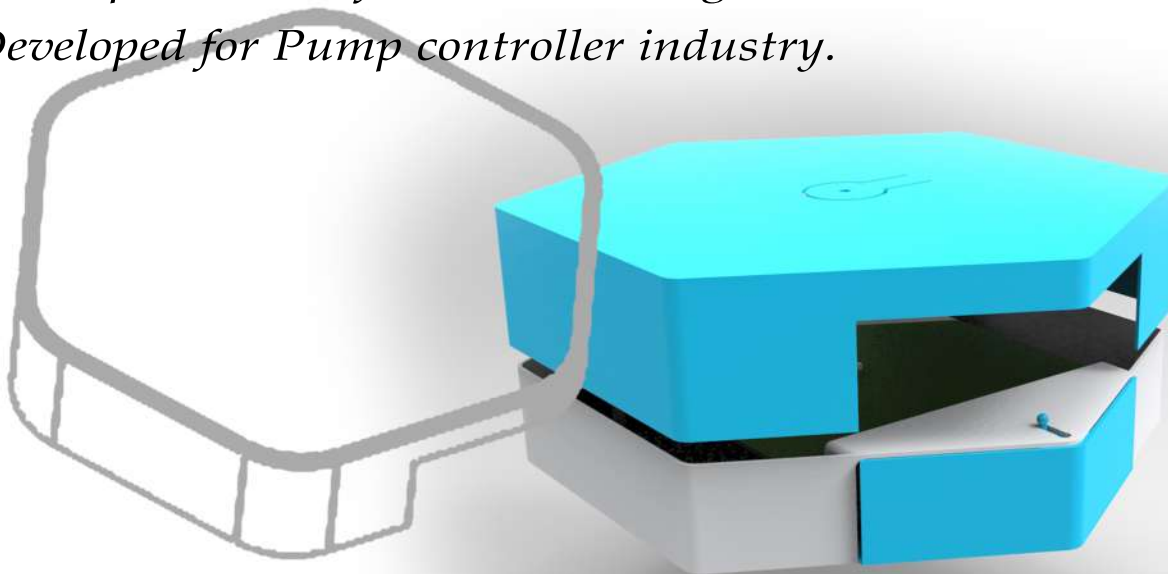
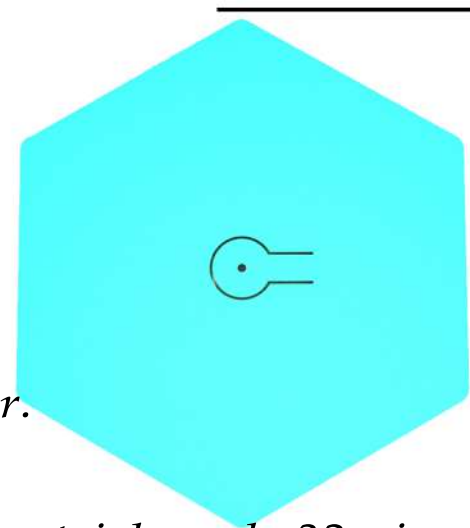
Mother of all daughter bees.

This Product is industrial grade pump controller.

Daughters have the same physical attributes.

They gets connected with the Queen by the industrial grade 32 pin connectors. Mother is the brain which reads all the parameters from her all daughters and commands them.

Developed for Pump controller industry.



IP rating: 54

Material used: ABS &/or Nylon 66 (FR grade)

Software used: Solidworks (Design & modelling) ,

Keyshot (Rendering & animation),

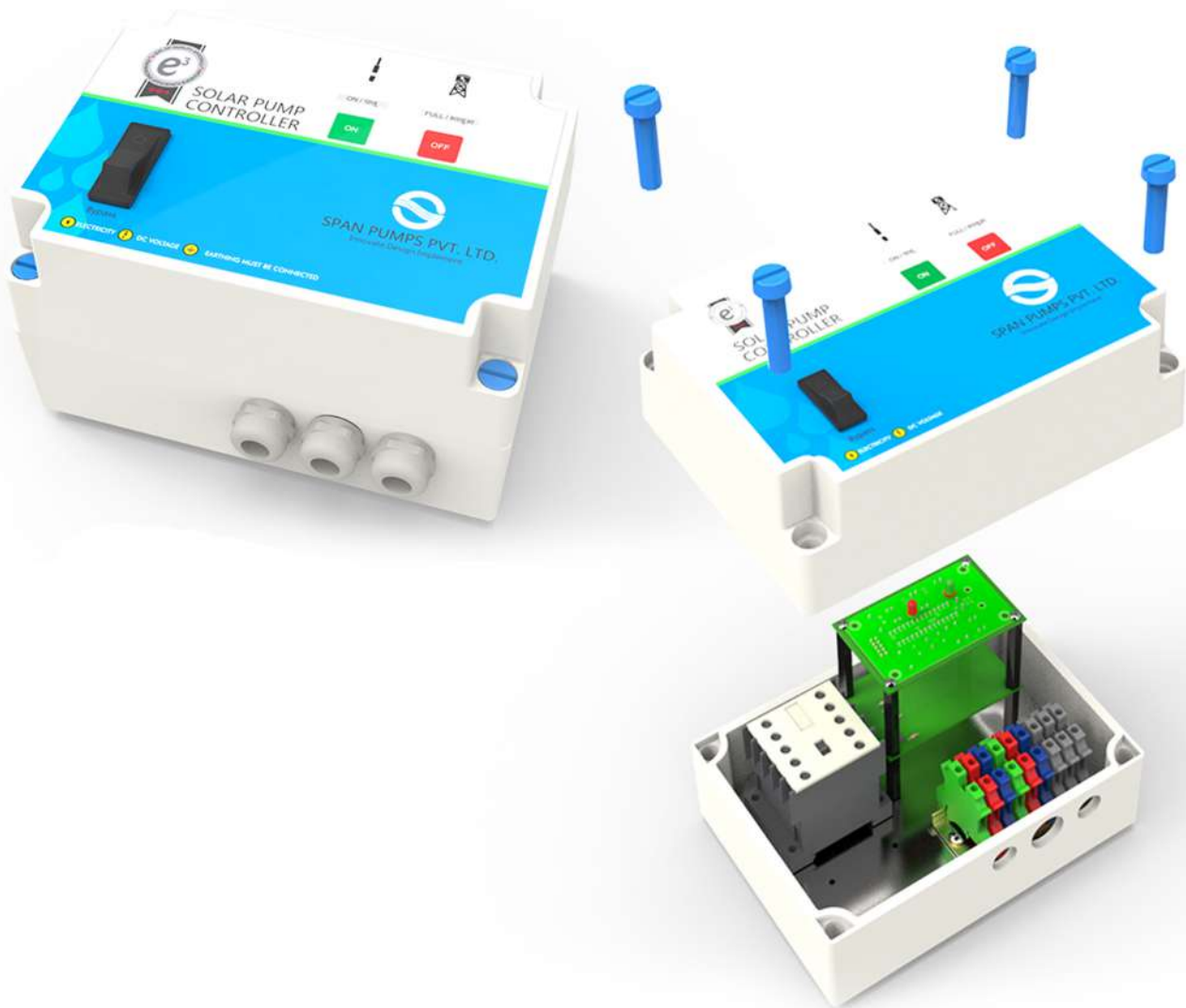
Adobe PS (warning signs, finishing renderings& product presentations)

Flocon 200

Product works as a deep well pump controller in irrigation industry.

It's UX has been designed according to farmers, only three buttons with clear pictorial indications.

It also has to withstand heavy rainfall & heat, according to IEEE standards its IP is raised to 65.



IP rating: 65

Material used: ABS

Software used: Solidworks (Design & modelling)

Keyshot (Rendering & animation)

Adobe PS (Product Stickers, packaging stickers, warning signs, finishing renderings & product presentations)

Smart Pill Box

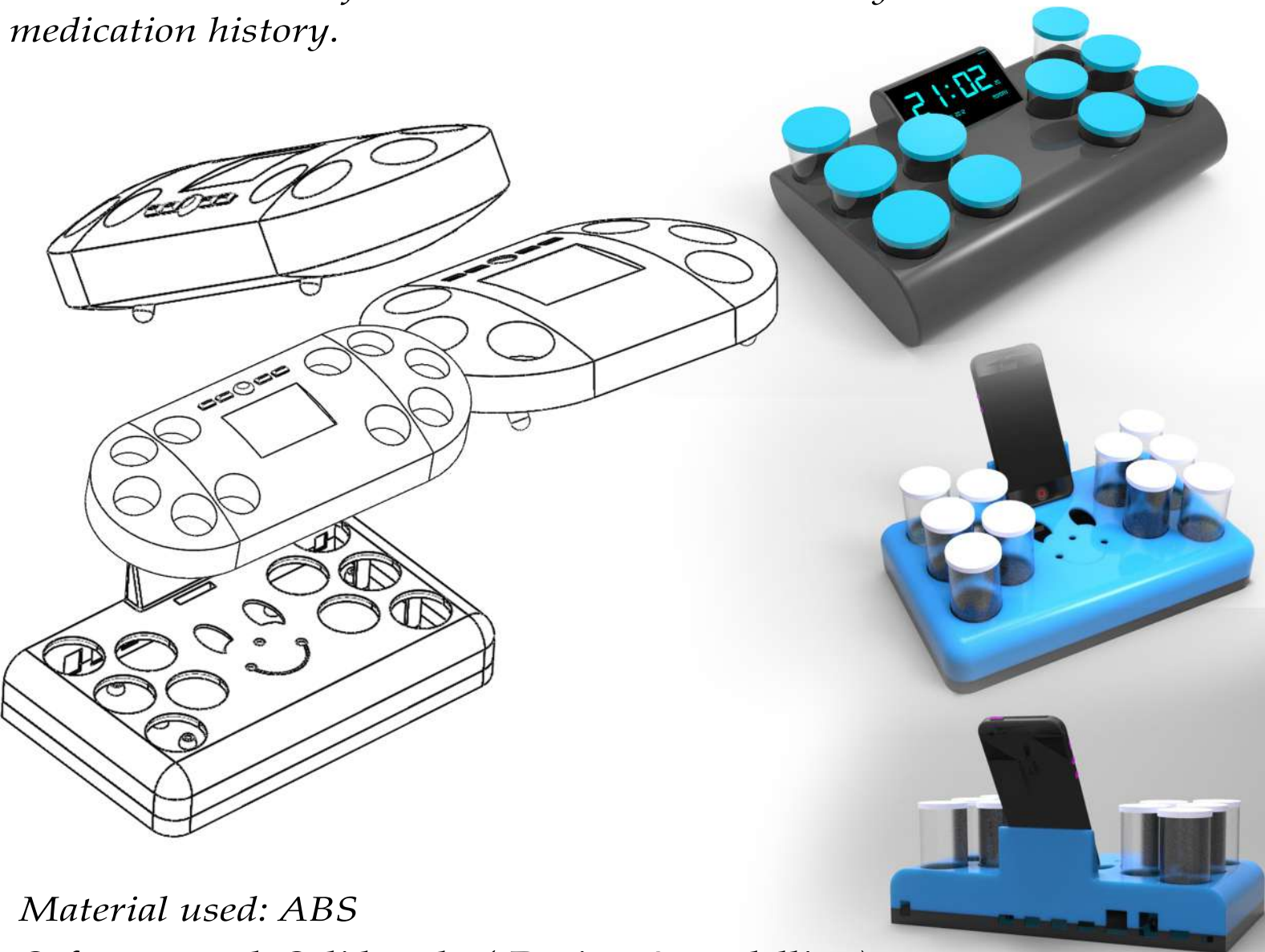
Product has been developed for US medical industry.

It is a pill holder with electronics integration, comes with basic two versions;

- 1) with Iphone charger*
- 2) without Iphone charger.*

It holds upto 10 pill bays, and indicates which pill you should take with your schedule from doctor.

It also talks back & forth with servers to maintain your health card and medication history.



Material used: ABS

Software used: Solidworks (Design & modelling)

Keyshot & Blender (Rendering & animation)

*Adobe PS (Product Stickers, packaging stickers,
finishing renderings& product presentations)*

Smart Cradle

Product has been developed for US medical industry specifically for diabetes patients.

UX has been developed for old age people.

Have charger connection, Sim card input , On-Off switch & glucometer connector.



Material used: ABS

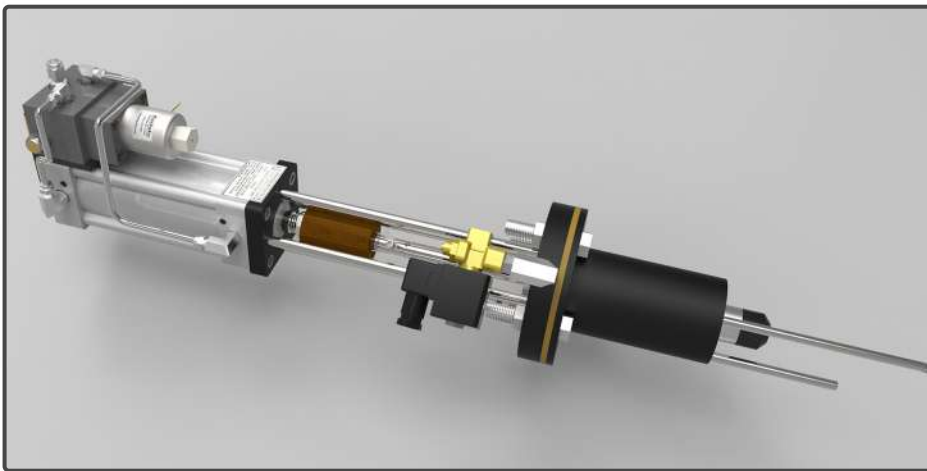
Software used: Solidworks (Design & modelling)

Keyshot & Blender (Rendering & animation)

Adobe PS (Product Stickers, packaging stickers, finishing renderings& product presentations)

Engineering projects:

Each project is solution of different problem accrued in the industry, mainly serving for valve industry.



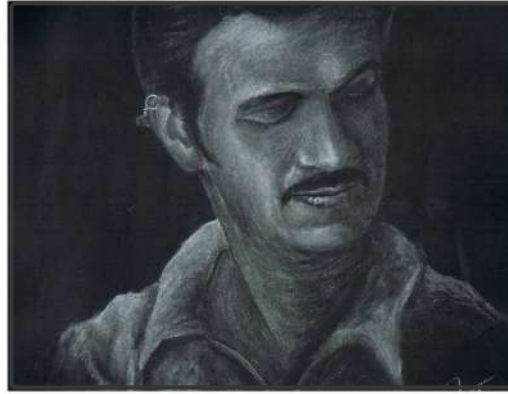
Software used: Solidworks (Design & modelling)

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Art samples with different mediums

Pencil or soft pastel on plain paper.



Acrylic on matt wall.



Rangoli (sand) on paper.

