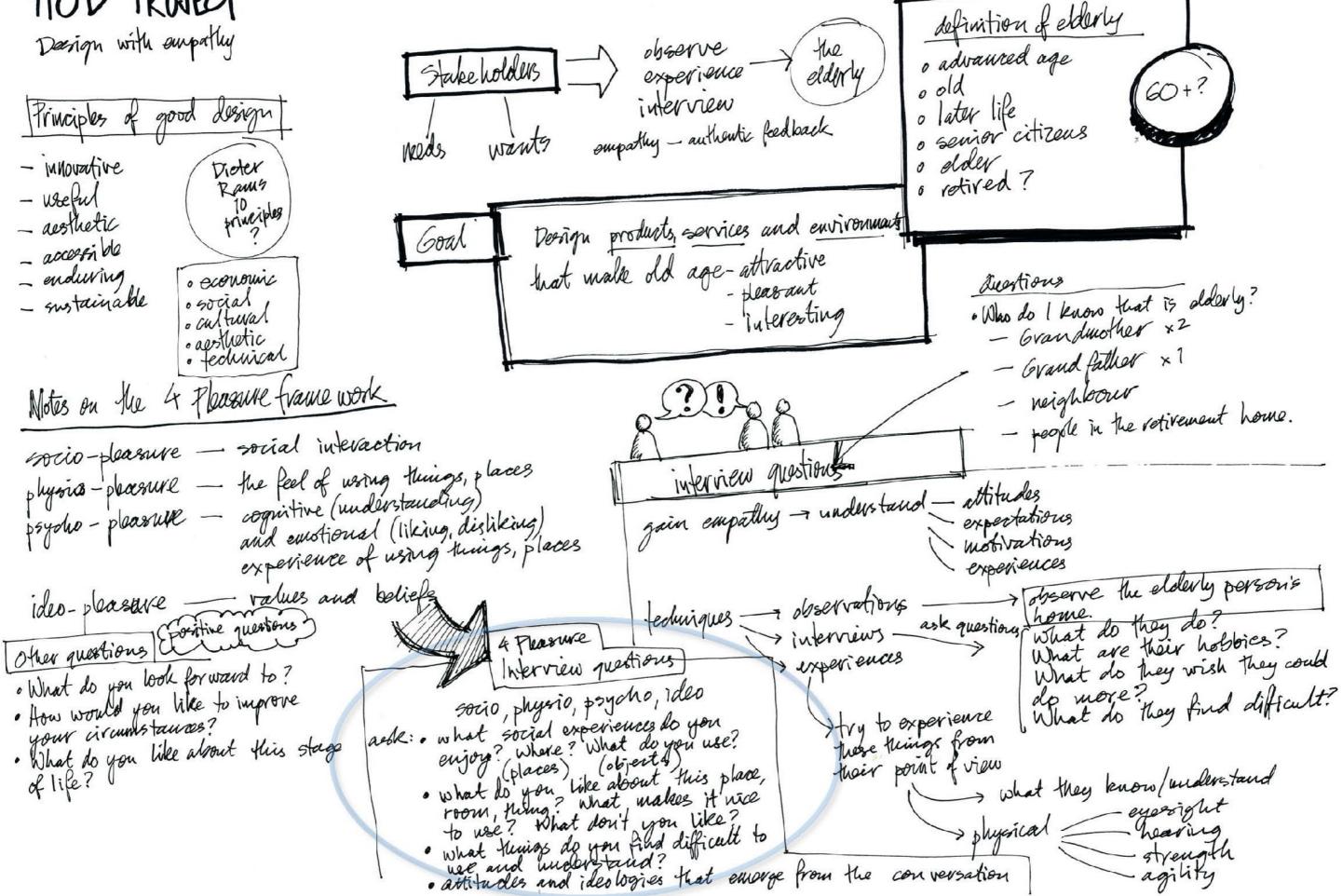
HOD PROJECT



My Grandparents' House Occasional table

From Kea.

Occasional table folded Spare bedroom



sewing machine

clothesto be donated Eurorgency Alarm



Alert button next to bed



opened for 2 Gran and Pop) but an open out for 6 if necessary (but not much room for that)



wardvolse full of crothes



alarun

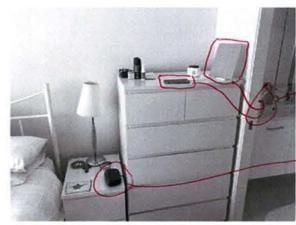
Alarm pendant - may be worn or hung in a good place



iPad) Charging iPhone)

power from ensuite

- clock radio instead of smartphone



padded chair

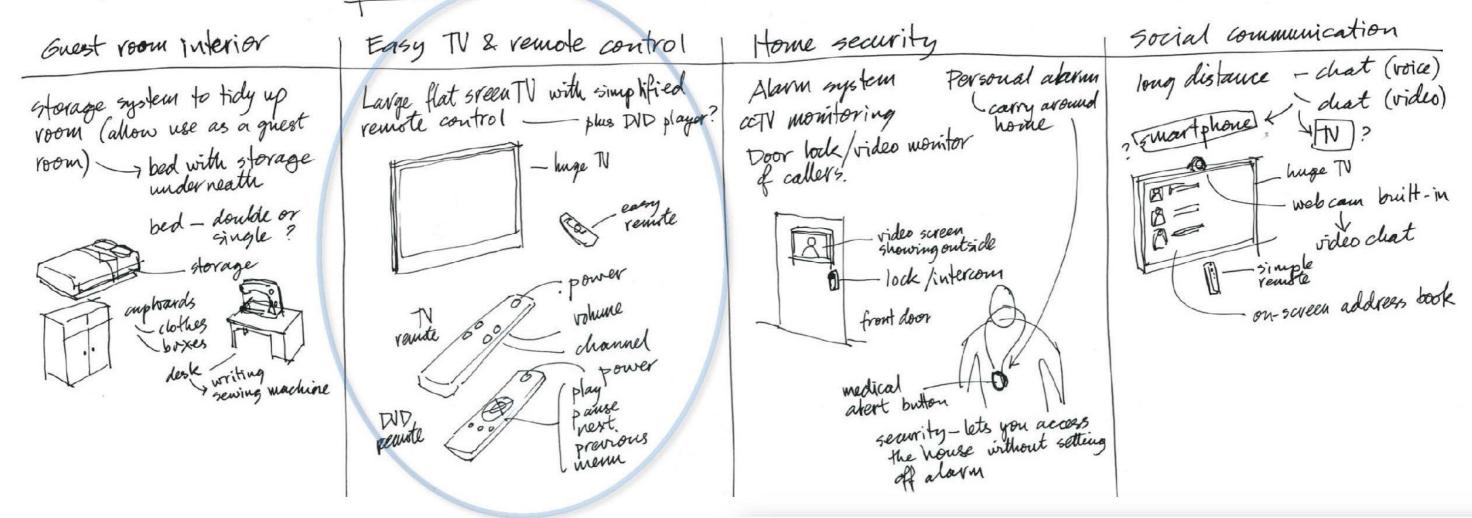


useful storage drawers

Observations Honne - 3 bedrooms - master bedroom Stakeholder Interview - vigitors room - 2 beds Interview with Allen & Lilly (grand parents) utility room Living from old, small TV) old! Location: home, high set weatherboard house 7 km from Brisbane 2 people/voridents boxes Observation: -rowter Kitchen - CD player/vadio large yard-chooks! safety is really important - influences WiFi - new fridge 1 car, nearly bus service (prefer car) - modern electric store much behowiour kitchen table no dishwasher Smell - a little musty, warm, home meft
worried about securities - no microwave Looking forward to: Verandah-enclosed sitting room - school holiday visit of daughter (feacher) K - visit of Lilly's brother tundle - he likes' Contact & communication -> social is important to them doing handy man things around the house Deasure Lilly's smart phone wainly phone - land line cord loss phone seawity - stay in the spare room/visitors room "Words With Friends" game ideo-pleasure? 1 Saurang Galaxy used for social messaging. - bowls during the week Prefers to talk on the phone rather than text. - gardening -> harvesting veggies -> like Scrabble. Keeps -> planting for spring Gocio- and "why do they have to be smart?" the mind sharp. psyho-pleasure - State-of-Origin - need to fix TV autenua -- wor - got a new big TV! - wow I worried about how haved they are to use just wants a How would you like to improve your life, sircumstances? simple TV. What do you like about life? - Time! Time to see friends, work in the garden, family · Improve home security-not feeling locked in but safer - Choice. We could travel if we wished to · Sort out the third bedroom—tidy up, store stuff cloewhere - Grand children - spoiling them, watching them grow up · Better contact with distant friends and volatives 12 I deas guest room interior-storage and also attractive accommundation La widen social experience · Digital security - worried about scams, hacking Ideas that · easy-to-use TV & remote controll help people · digital security? like Allen & Lilly · video chat - long distance socialisation not my not necessarily just for Allen & Lilly client · home security - feel safe but not locked in · gardening foots, apron?

Priject Ideas

Which of these ideas will lead to a product, service of experience environment that will help make old age attractive, pleasant and interesting?



Gardening	Social kitchen
gardening apron or smock planting weeding attractive to elderly people not to attractive enough to be seen wearing by visitors, reighbours reighbours waterns colours features wasculine style feminine style	the ideal kitchen for cooking and entertaining family and friends cooking cooking

Feedback sheet:	STAKEHOLDERS, ALLEN AND LILLY.
Project Ideas	Which of these project ideas would you like me to develop?
	Please place a tick along the line that best describes your need or want
GUEST ROOM INTERIOR	Immediate needwould be nice one day
TV AND REMOTE	Immediate needwould be nice one day
HOME SECURITY	Immediate needwould be nice one day
SOCIAL	Immediate needwould be nice one day
GARDENING	Immediate needwould be nice one day
SOCIAL KITCHEN	Immediate needwould be nice one day

Part B

Design brief

The main constraint of this project was to use design to make the experience of ageing seem more attractive. The focus had to be on people over 60 years old. I identified my grandparents (Allen and Lilly) as older people who I could help. I interviewed and observed them, and identified six different needs and wants. The problem that I have selected was identified by my grandfather. He mentioned their interest in watching sport and movies on TV and DVD. Their TV is old and they would like to update it, but are frustrated by current televisions and DVD players. New TVs are complicated to use and have a large range of features and controls. This includes the remote controls and the function screens on the TV. Additionally, the terminology used is unfamiliar and confusing. My grandmother prefers to leave this to my grandfather, but even he finds it puzzling.

I have decided to design an easy TV that will suit an older user like my grandparents. The design should focus on improving the enjoyment of the TV by older people. I will do this by considering both their physio-pleasure and psycho-pleasure. The problem is defined by the technical features, but the aesthetics of the TV and controls must also be considered.

Design criteria

Must:

- make the TV, DVD and remote control physically easier to use (useful)
- be elegant yet simple in its function to make the TV, DVD and remote control easier to understand (accessible)
- be compatible with the décor and tastes of older people (aesthetic).

Should:

 include aspects that are new or unique compared to commonly available TV and DVDs (innovative).

Must not:

 be patronising to older people or have limited appeal to a very small number of users (sustainable).

TV INTERFACE



LG TV for level manu





Lock
- child lock
may be useful
for when young
grandchildren
visit





Channel list



Setup Menn
- hardly ever
need
- maybe elderly
people don't need
this?



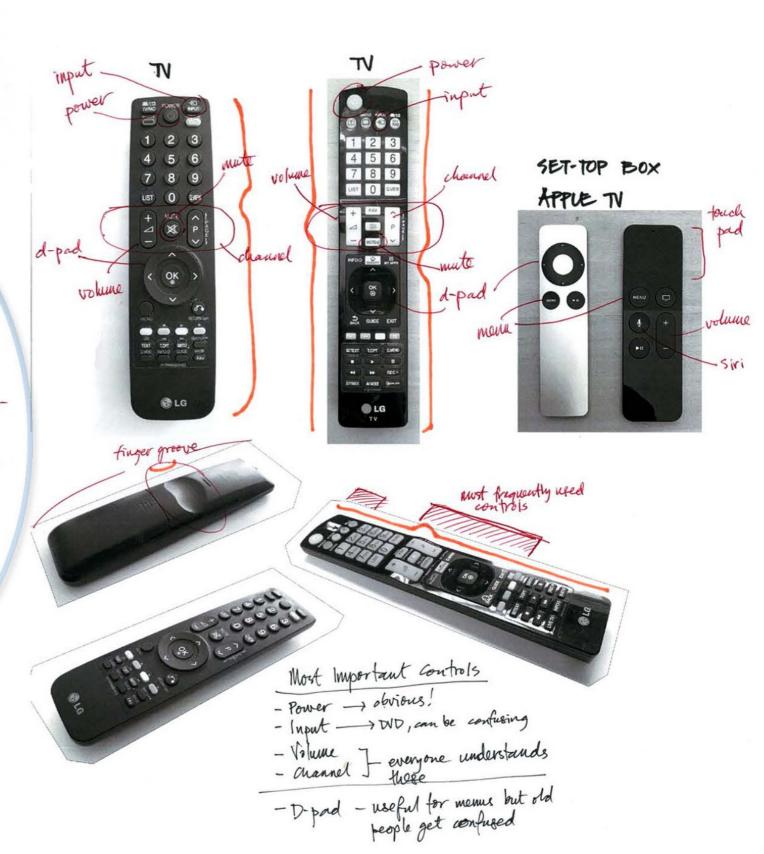
Audio Henri
- most occopie never
touch this after
setting up a new
TV



Picture Menu



Options



Easy TV

A large flat-screen TV with a very simple interface that elderly people can use and enjoy.

Remote control styles

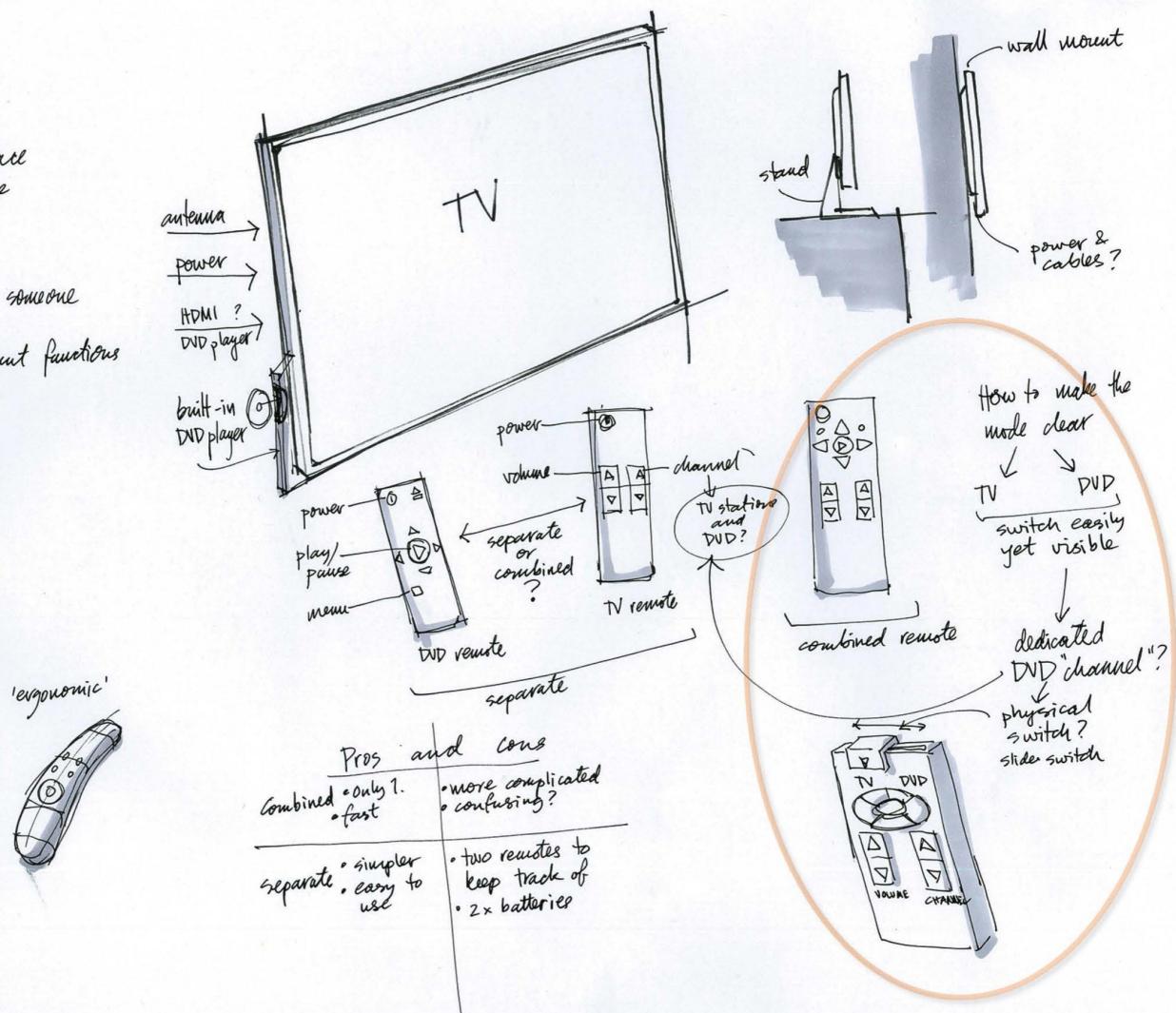
boxy

aurvy

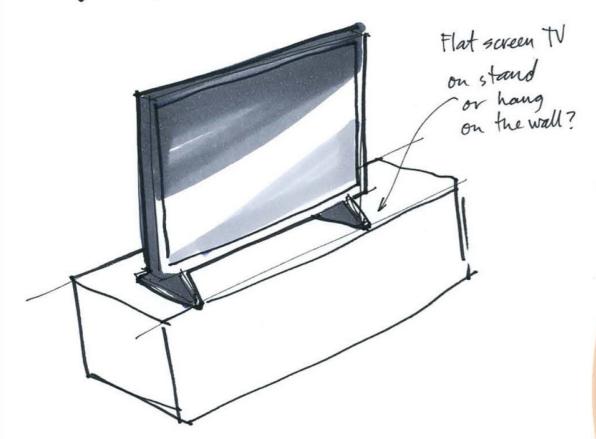
- gimple remote

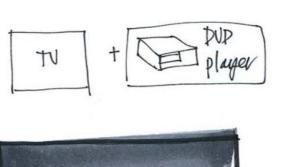
- set-up functions that someone

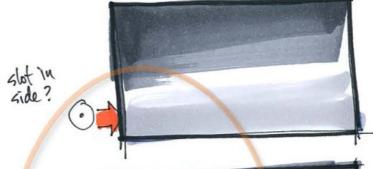
else com do for them - only the most important functions

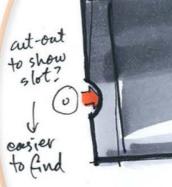


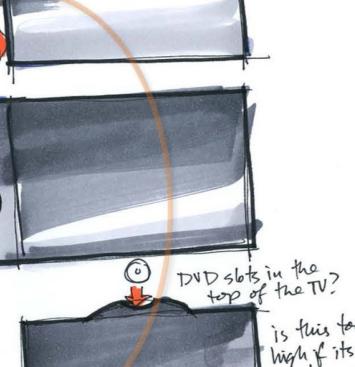
SIMPLE TV DESIGNS

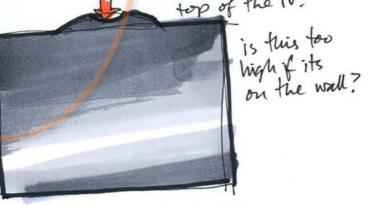








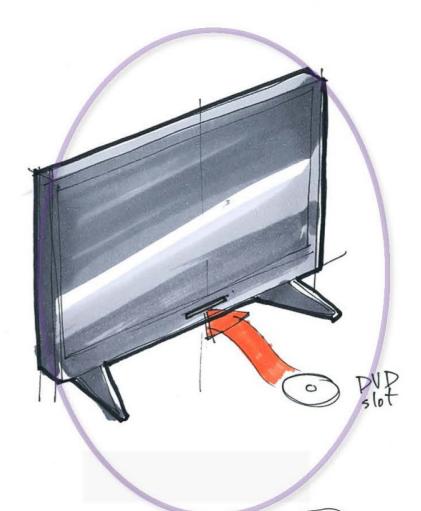








- easy to reach - can light up to show where to put the diec.



ABC 1)
ABC 3)

ABC News

7 Porisbano

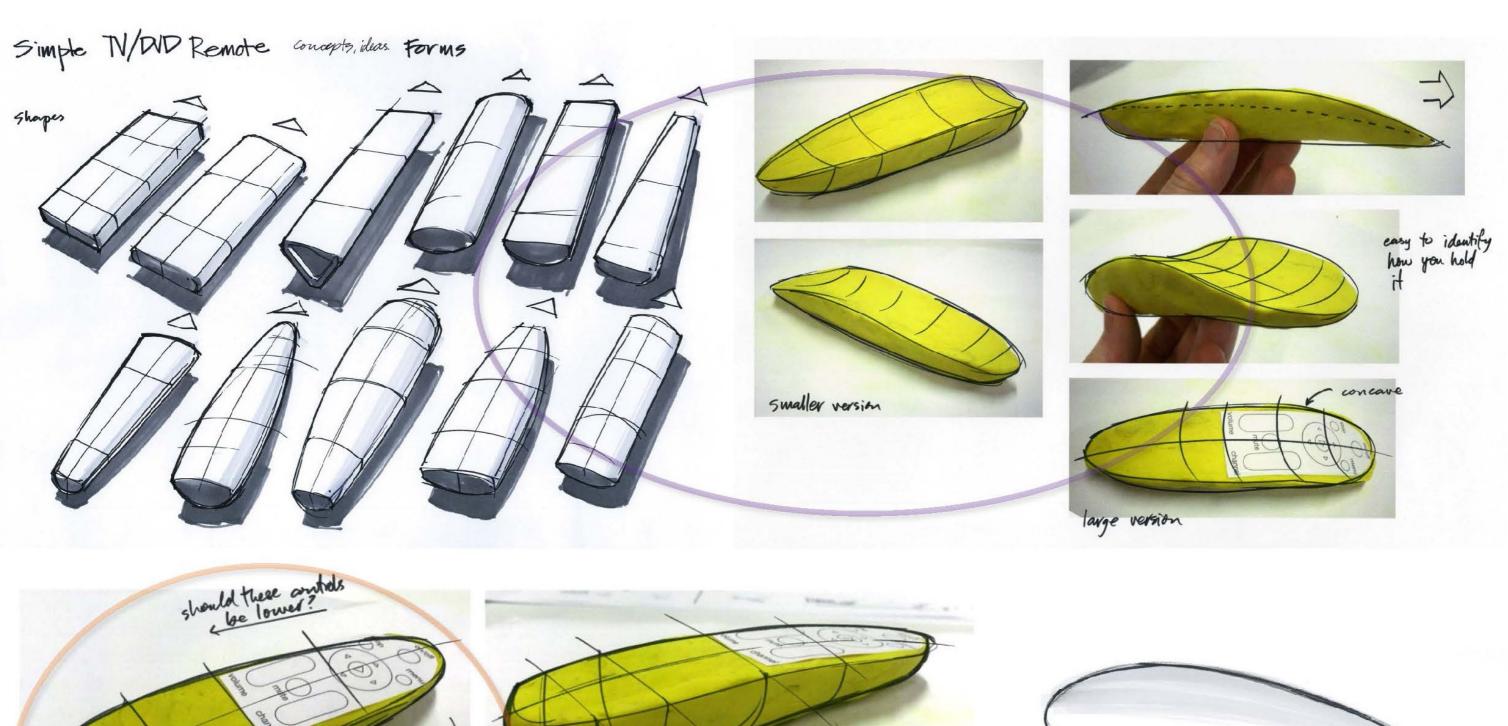
9 Bristone

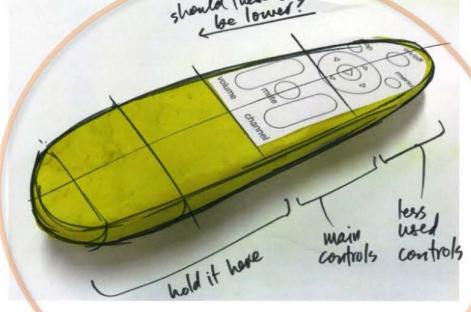
DVD is just another "channel" instead of an input

DVD Some for other inputs, e.g. Foxlel, Apple TV, etc.

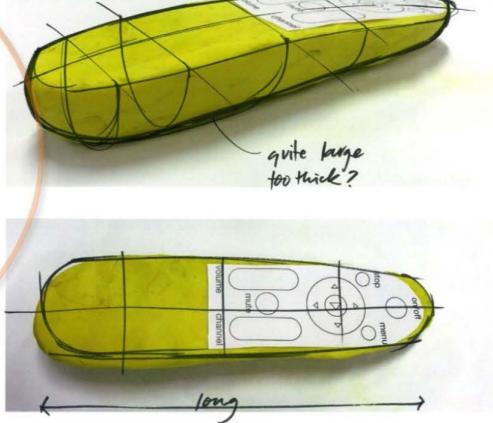
slow but easy to understand

Design criteria	00	**	:	ಲೆ	Attributes to be used in the design concept
Make the TV and DVD physically easy to use				1	DVD in front. Would the TV be deep eaough for this?
Make the use of the TV and	L		-		Combination of DND and television. DND in channel menu.
DVD easy to understand					DVD in channel menu.
Have a remote control that is easy to hold or use on the arm of a sofa or armchair					?
Be easy to install and setup, perhaps with the assistance of a more technical user?			/		No wires to plug in. Sits on shelf. Might not be able to mount on wall. Bedroom?
Make the most common functions easy to access				/	It is close where the DVD goes.
Be elegant yet simple in its function				/	Yes, this is vice.
Be compatible with the décor and interior design tastes of older people					Nice, simple look stand is ok-will sit on TV unit nicely.
Must not have highly technical features that are rarely used			/	/	The idlea for the input controls is good.
Must not be patronising to older people			~		Looks like a normal TV



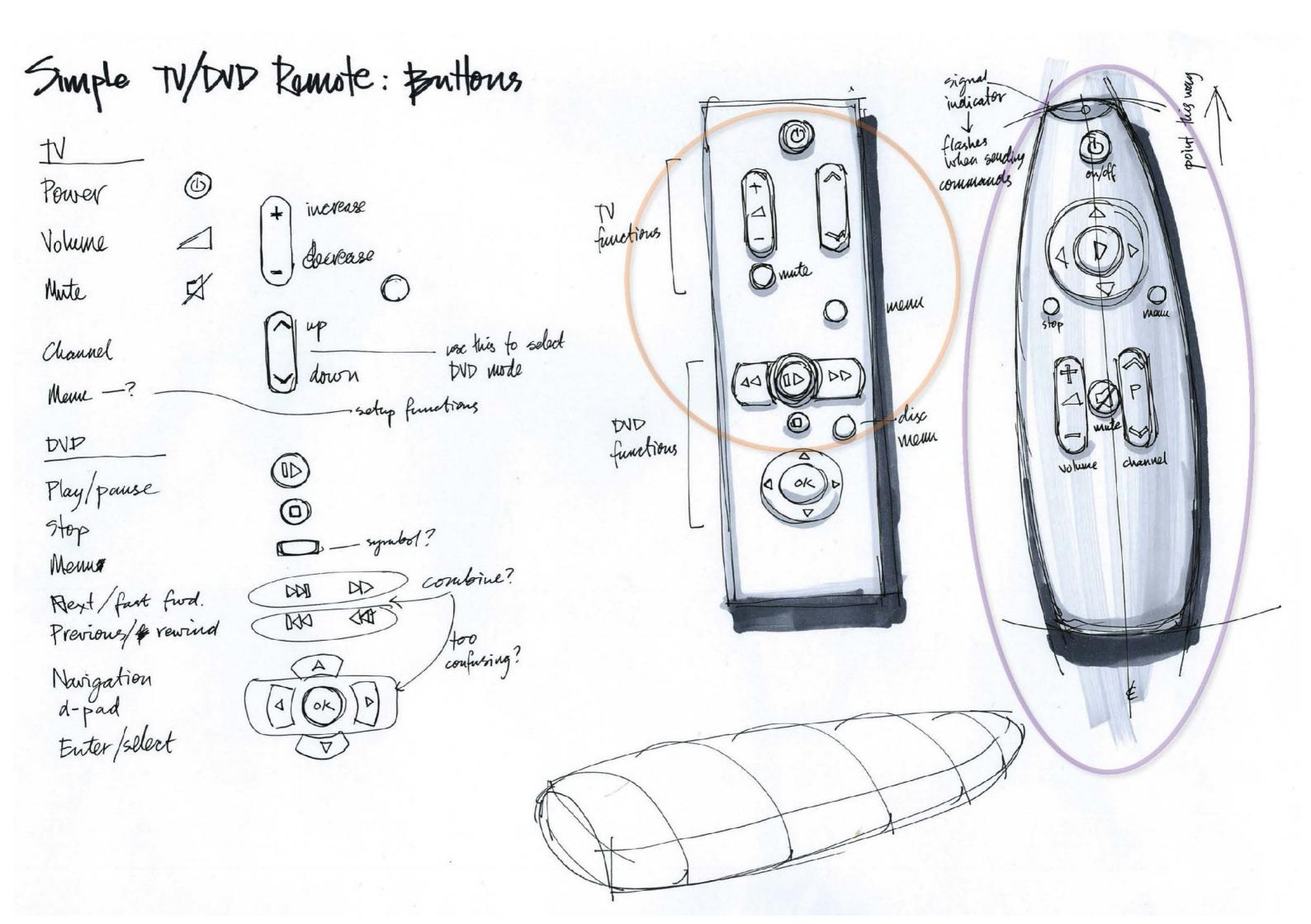


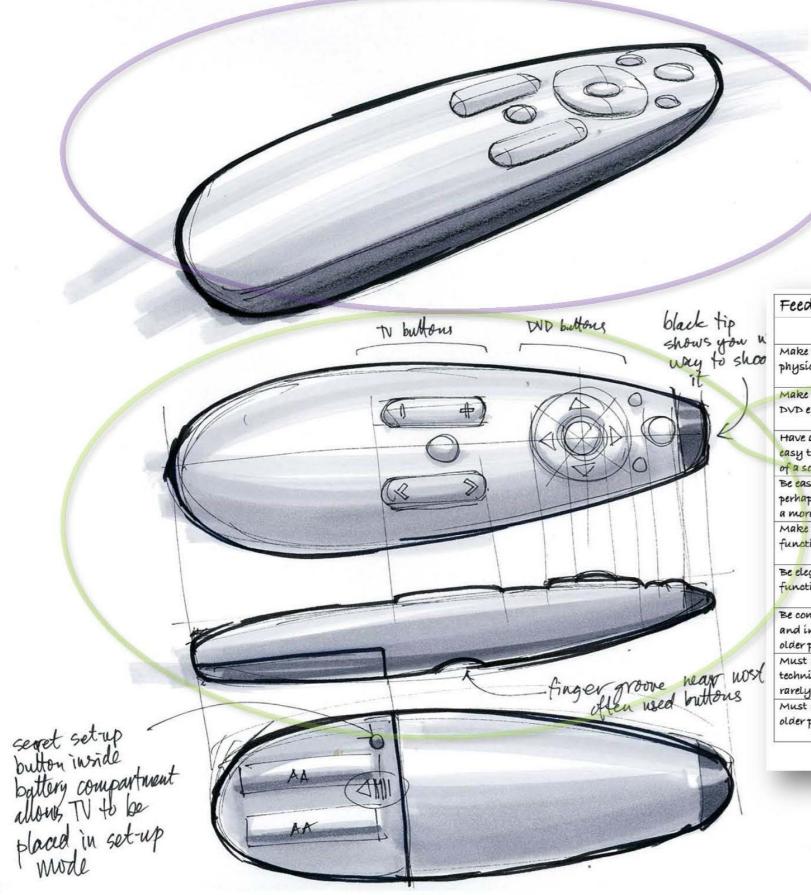
Familiar
too large? - But hard to lose!



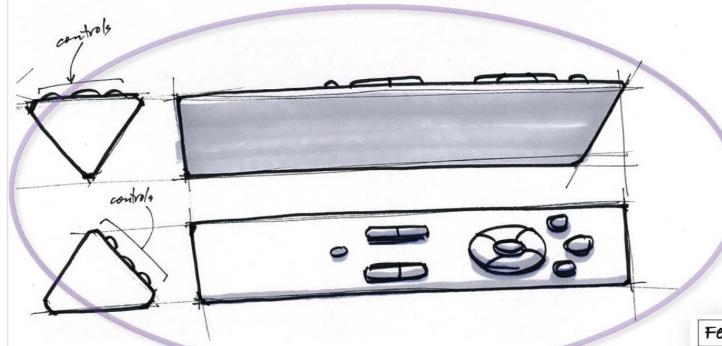


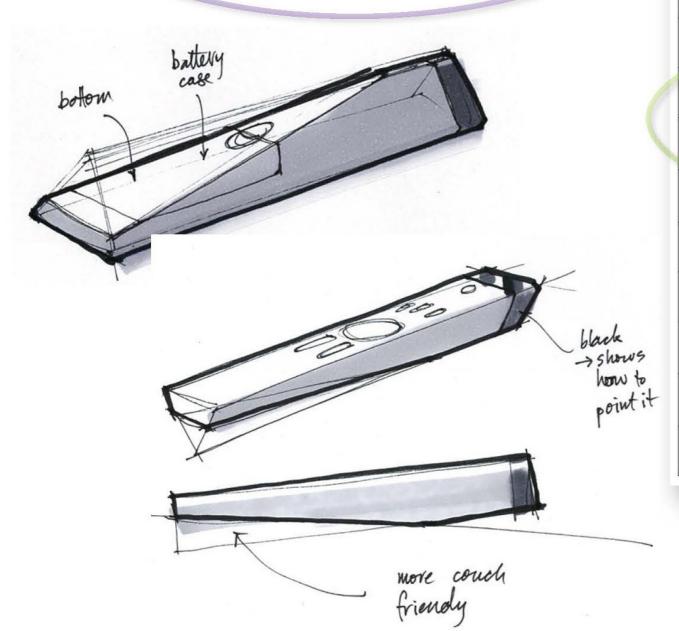




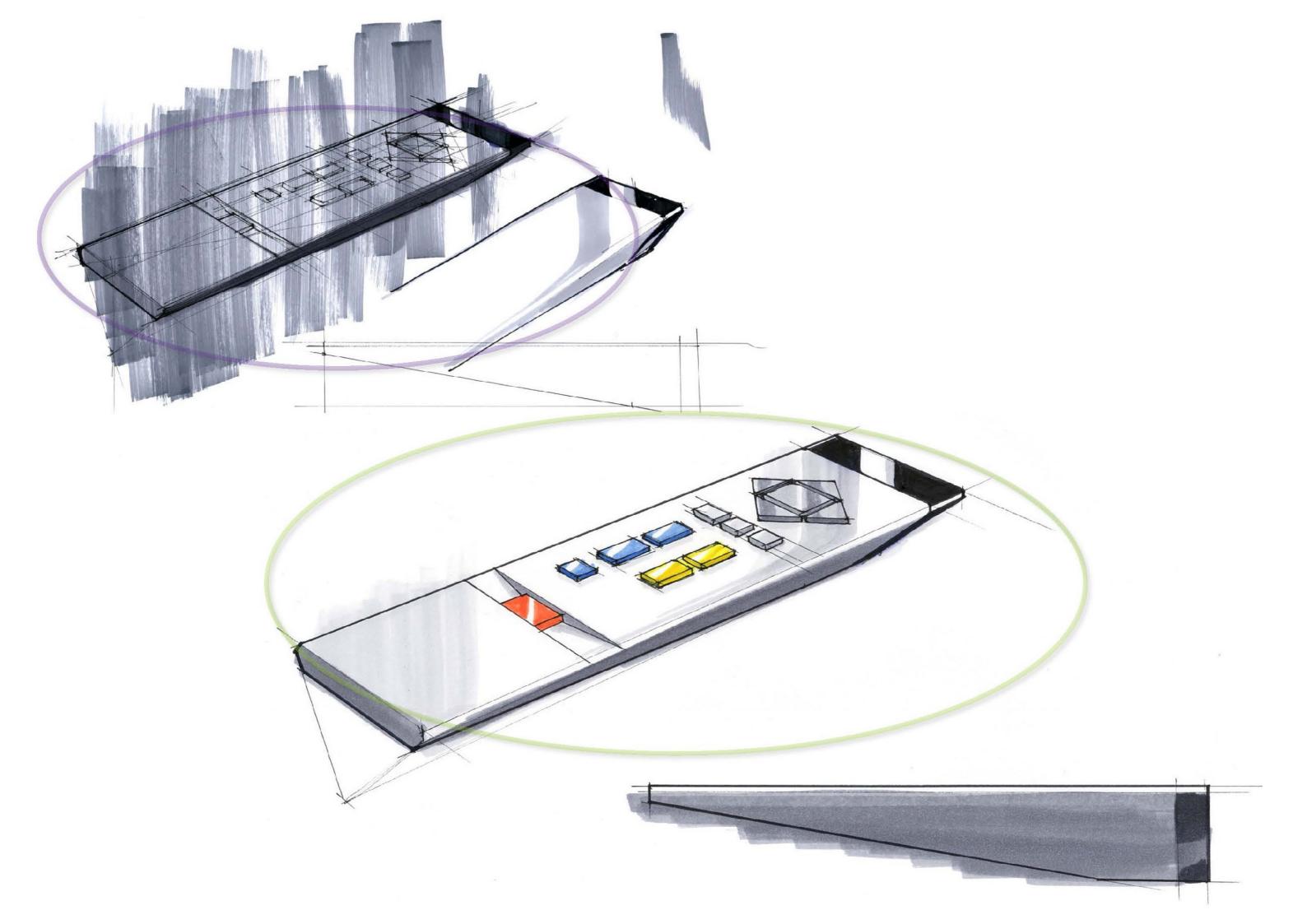


Design criteria	~	10	°°	Ÿ	with Allen and Lilly Attributes to be used in the design concept
Make the TV and DVD					Similar in style from existing remote controls
physically easy to use		/			Similar in style from existing remote controls but less complicated. IN Buttons.
make the use of the TV and			,		could the arrows on the circle be raised?
DVD easy to understand			/		could the arrows on the circle be raised? Simple layout of buttons.
Have a remote control that is		/			Curred shape may roll off the arm of the couch.
easy to hold or use on the arm of a sofa or armchair		V			Curved shape may roll off the arm of the couch. Would it get lost too easily between couch cushous
Be easy to install and setup,				/	The hidden button is a clever idea.
perhaps with the assistance of a more technical user?					
Make the most common functions easy to access			/		Like the reversed on off button.
Be <mark>e</mark> legant yet simple in its f <mark>u</mark> nction					The shing black tip - shows which way to point and you can feel which way to hold it. Doesn't particularly appeal.
Be compatible with the décor and interior design tastes of older people					Doesn't particularly appeal.
Must not have highly technical features that are rarely used			/		Nice and simple.
Must not be patronising to older people			/		No problem with this but perhaps it could have more information or button labels. Maybe this would make it feel too complicated though.





Design criteria	~	10	00	Ço	with Alben and Lilly Attributes to be used in the design concept
Make the TV and DVD physically easy to use			/		Needs a flat side so it sits facing up. Not enough information on the buttons.
Make the use of the TV and DVD easy to understand			`		could the control layout from concept 1 be used? Might be easier to read. Colour? Feel?
Have a remote control that is easy to hold or use on the arm of a sofa or armchair				/	Flat base is good on bottom drawing.
Be easy to install and setup, perhaps with the assistance of a more technical user?		/		-	No information on this. Does it use the hidden set-up button like concept 1?
Make the most common functions easy to access			/		On/off butter location is really dever.
Be elegant yet simple in its function				/	Nice to have a different, distinct style of venuote control.
Be compatible with the décor and interior design tastes of older people				/	The shape is a good match for the style of the TV- both rectangular/angular.
Must not have highly technical features that are rarely used			·		Looles simple enough to use easily. Not sure about set-up functions.
Must not be patronising to older people				_/	Simple, clean lines without looking simplistic. Works well.



Part C

2 –3 minute spoken supported by 2 x A3 sheets





Welcome, I'd like to talk about the Easy TV that I designed for my grandparents.

The strengths of my design and main innovations are that the DVD function is built into the front of the TV where it is easy to find. The remote control matches the square physical form of the TV so it is obvious that it is the TV remote and communicates its intended function. This also is likely to make the style of the remote and TV more timeless as the aesthetics relate to the function rather than a current trend in form or colour. The remote is not too large or too small for Allen and Lilly. They said it felt just right when they were holding it and liked the aesthetics of the shape. I've also designed it so that the buttons that you use most are in easy reach.

The volume and channel buttons are right under your thumb and I put the recessed power button right at the bottom where you can access it without moving your hand. I've put the LED transmitter in the front and made it like a shiny glass, which makes it accessible as it is easy to know which way to point it. These things make it suit older people without being patronising.

To make the use of the TV and DVD easier to understand for Allen and Lilly, I have simplified the controls to make them accessible. In the top half of the remote control, I put the essential DVD controls. I removed a whole lot of functions for the DVD that Allen and Lilly didn't use or know what they were for.

Allen and Lilly found the input button confusing as they said that when it was pressed the TV behaves differently. Instead I design my TV user interface to allow the user to get the DVD functions just by using the channel button. It's by simply going up and down scrolling through the list of TV stations that you eventually get to the DVD function.

The main limitations with my design is that by simplifying the TV, DVD and remote they may not fulfil their intended purpose for all older people. Allen and Lilly wanted an easy to use TV, but other older people might want the functions I have eliminated. This may also affect the sustainability of the design as less people would be likely to buy this TV second hand if it had less functions than other TVs.

An implication of my design is that by removing the controls that are to do with setting up there would have to be some other way to do the initial setup. Perhaps there could be a hidden button on the remote that a repair person could use that no one ever touches after the setup of the TV.

In summary, the Easy TV is perfect for older people wanting a combination TV and DVD that is easy to use and understand. So that's my design for the Easy TV and I hope you found it interesting.