

	A	B	C	D
<p>Hardware</p> <p>Check Physical Features of:</p> <ul style="list-style-type: none"> • The case/ frame • Screen • Physical feature of the battery • USB, optical drive, Charging socket, audio ports, firewire • Is anything missing? • How many missing parts? 	<p>More cosmetic</p> <ul style="list-style-type: none"> • Minor scratches and dents • No sort of damage to hardware buttons, sockets - no need for replacement • No broken circuits/cables, components of mainboard intact, no loose slots • All mainboard components present • Extremely minor physical defects, do not interfere with overall functionality of object • Less than 10% of device is damaged • Manufactured after 2011 • Display is at least 98% visible 	<p>Small impact on functionality, needs some minor and easy replacements or attention</p> <ul style="list-style-type: none"> • Deep scratches and dents • Minimal damage to hardware buttons, sockets - might need replacement • Loose joints/ circuits/cables, • Minimal defects to the mainboard • Missing minor easy replacement parts • Other physical defects may hinder functionality of object and needs minor attention • Less than 20% of device is damaged • Manufactured after 2010 • Display is at least 95% visible 	<p>Needs multiple serious replacements</p> <ul style="list-style-type: none"> • Cracks, deep scratches and dents • Significant damage to hardware buttons and sockets - functionality is affected • Disconnected cables, missing screws • Other physical defects severely affect the functionality of object and needs serious attention • Less than 40% of device is damaged • Manufactured after 2009 • Display is at least 85% visible 	<p>Severe damage, needs a lot of replacements and attention or replacements which cannot be made</p> <ul style="list-style-type: none"> • Large cracks, deep scratches, lots of dents • Sockets and buttons all not functioning • Device function is severely limited, can only power on • Other physical defects need too much replacements and attention • Less than 50% of device is damaged • Manufactured before 2009 • Display is at least 75% visible
<p>General Usability</p> <p>Check for:</p>	<p>Decent specs (in terms of general usage) and has</p>	<p>Good specs, minor problems affecting overall user</p>	<p>Specs may require upgrading, overall user experience not as smooth</p>	<p>Unable to turn on or usability is severely limited</p> <ul style="list-style-type: none"> • RAM less than 1GB

<ul style="list-style-type: none"> • Specs • Functionality of: USB, optical drive, Charging socket, audio ports, firewire • Connectivity • Responsiveness of the OS/overall software user experience • Battery performance 	good overall user experience <ul style="list-style-type: none"> • RAM 2GB or Greater • Processor 2Ghz or Greater • All drives/sockets functional • Can connect to wifi with no problems • OS is responsive, very low frequency of lagging • Battery can last for at least 2.5 hours 	experience, otherwise everything else is functional <ul style="list-style-type: none"> • RAM 2GB • Processor within the 1.5Ghz range • Some simple easy replacement drives/sockets not functional • Can connect to wifi with no problems • OS has some lagging which does not completely hinder usability (most likely solved by re imaging) • Battery life between 1-2 hours 	<ul style="list-style-type: none"> • RAM 1GB or inadequate • Processor within the 1Ghz range • Multiple drives/sockets not functional • Connectivity problems • OS has lots of lagging and is quite unresponsive, or does not boot up properly • Battery life is very low, 30 mins 	<ul style="list-style-type: none"> • Processor with less than 1Ghz • Nearly zero peripheral capabilities • No internet capabilities • OS severely corrupted • Cannot run on battery, needs to be plugged in to run
Estimated refurbishment costs	< 10 USD / 500 THB	< 50 USD / 1000 THB	< 100 USD / 2000 THB	> 100 USD / 3000THB

**** NOTE** that there can be a mix of grades for each donation due to different criteria being assessed, therefore grades to not have to be definite, e.g. A, B or C, can be stated in ranges: A-B but must indicate what needs attention etc.

- This grading system is intended to be universal for several types of donations so it may lack some specificity,(there are many varieties of computers and we don't know what we'll get) therefore, **write** down all the significant details that should be noted

Refurbishment

- Use judgement to prioritize what must be done first, but in the end these points should always be addressed:
 - Software
 - Delete all existing personal data belonging to previous owner
 - Solve lagging problems

- Install useful programs for learning (?)
- Physical defects
 - Clean up dust, small scratches etc.
 - Make sure there are no missing screws and loosely held parts
- Hardware replacements
 - Make sure to clean up dust in sockets
 - Make sure all parts are securely attached to mainboard
- **A** - by nature is sort of a “ready to go” donation, very minimal attention needed, just clean up minor software and hardware stuff and its ready for use
 - **For refurbishment, address the minor problems, inform officers or Mr.Bell of any parts required and make sure to erase all existing data and reimage the computer**
- **B** - by nature has some damages/missing parts, but these problems are cheap and fast to fix and possibility of restoring it into good condition is really high
 - **For refurbishment, identify parts which will be required and inform officers or Mr.Bell, address the other problems identified and once everything is functional, erase all existing data and reimage the computer**
- **C** - by nature requires more serious attention/investment, such as a cracked screen, no CPU, but has the potential to be useful e.g. has a really nice mainboard
 - **If necessary then necessary parts will be ordered and the tech can be refurbished to good condition**
 - **Otherwise, tech should be stripped down to be stored as spare parts**
- **D** - by nature have very low potential for usability, usually because of the generation of the donation, or because there are too many serious defects which will require too much investment
 - **Donation will be disassembled for inventory of any potentially useful parts, otherwise tech will be disposed of in a sustainable way by proper computer disposal firms**