

BikePuter	(Think of cool name)							
REQUIREMENTS								
	Sensing/Measurement	(Additional Info)	Power	(Additional Info)	User Interface	(Additional Info)	Physical Structure	(Additional Info)
	* Stopwatch with current date/time display	Wall clock can be set by user and must stay set through reset/detachment from console.	* Last 1.5 hours	Battery must not be gigantic. If this can not be accomplished or will take too much time, we can relax to 1 hour MINIMUM.	* All features must be continuously running. Meaning, if the user is currently looking at the time, the odometer must till be ticking.		* Main module must be able to attach to bike in an unobstrusive way.	Be it plastic molding, or sticky pads.
	* Speedometer/RPMs	Potentially log average speed.	* Chargable in 10hrs (Wall Socket)	If for safety reasons or project time constraints. This can be relaxed to 12hrs (half a day) minimum.	* All features must be able to be viewed at any time through a well designed graphical user interface.		* Main module must be able to be detached from the bike to charge. The bike must be rideable still without the device attached.	
	* Odometer	Must have 'trips' feature and log.	* Power must be supplemented through the environment.		* Must be able to switch between different "apps"		* Must not require significant reconfiguration when reattaching.	A dock of some sort or a plug-n-play is ideal.
	* Heart Rate Monitor	Must be able to accomplish this in an unobtrusive way (either pads on handle bars or through camera). Must log to memory.			* Map	Does not have to very sophisticated or have any user input features. Do not waste time on this feature by adding routes.	* Must be suitable for outdoor usage	Waterproof enclosure, won't fail in heat/sun/humidity
	* Battery level				* Must be able to dump trip data in a readable format of up to the last 20 hours of riding time into an attachable USB stick.			
					* Must be able to clear stored data			
LEGEND	CUSTOMERS	EMAIL	AVAILABILITY	SPECIALTY				
If time allows.	Eugene Kolodenker	eugenek@bu.edu	Weekdays after 7PM or weekends	Software/Energy				
Primary tasks (high priority)	Michael Kasparian	mkasp@bu.edu	Weekdays after 6PM or weekends	Hardware/Analog				
Secondary tasks (lower priority)	Nima Haghighi-Mood	nhmood@bu.edu	Weekdays after 7PM or weekends	Embedded/Software				