Area	Priority		Task	BlueGenes	InterMine Ticket # if any	Is user authenticated when this happens?	User / SuperUser?	Implemented? Y / N / PARTIAL	STATUS	Endpoint, if exists	Notes	Requirements
Auth	1		Register new user - normal account			N	User	Y	TESTED	POST /USERS	This works but isn't suitable for use due to plaintext	Hashed password over HTTPS, return token / other form of permanent auth
Auth	1.5		Register new user - google account			N	User	N			You do not need to register a new use if you use google account	
Auth	1		Log in - user + password	447		N	User	Y	TESTED		Looking at /USER, /SESSIONS, and /WHOAMI, it seems that in order to generate a token, you have to have a token already.	
Auth	1.5		Log in - Google Account		1582	N	User	Y	TESTED		See also https://github.com/intermine/intermine/issues/1582	
Auth	1		Log out - user + password	437	2142	Y	User	Y	TESTED			
Auth	1.5		Log out - Google Account			Y	User	Y	TESTED			
Auth	1		Is user a superuser?	194	2099	Y		n/a	TESTED			
Auth	3		Set superuser			Y		N				
Auth	1		Reset password	458	2173	N	User	Y	TO TEST	POST /USERS		
Auth			Subscribe to list			N	User	Y	WONTFIX			
Auth			Unsubscribe to list			Y	User	n/a see note	WONTFIX	As far as I can we will subscribe people but no unsubscribe DO NOT REPLICATE		We don't need this feature
Auth	3		Delete user account	455		Y	User	Y		POST /user/deregistration AND THEN DELETE /user		
Auth	4		Generate multiple permanent auth tokens per account			Y	User	PARTIAL		POST /USERS/TOKENS	perm, day, and once tokens seem to allow multiples. the api read/write key we only allow one.	
Auth			Delete token			Y	User	Y		DELETE /user/tokens/:uid and DELETE /user/tokens	
Auth			Regenerate token			Y	User	Y		POST /USERS/TOKENS	
Auth	2		Change Password with user + pw + token	433	2144	Y	User	Y	TO TEST		
Auth	?		Change Password with token			Y	User	n/a see note				DO NOT IMPLEMENT - NEED USER AND PASSWORD AND TOKEN
Auth			trigger upgrade automatically (part of initialiser plugin now)			Y	User	Y		POST /lists		Dani to create auto trigger
Preferences	3		Preferences: Set list sharing: allow others to share without cons	432		Y	User	Y		POST /user/preferences	See notes for setting these properties - not clear which property this is	
Preferences	3		Preferences: Set list sharing: email me when lists are shared	432		Y	User	Y				
Preferences			Preferences: Set Public name	432		Y	User	Y				
Preferences			Preferences: Set Preferred Email Address	432		Y	User	Y			No validation. I can set it to random things	
Preferences			Preferences: Set preferred Galaxy Instance	432		Y	User	Y		Y		
Preferences			Preferences: General	432		Y	User	n/a see note			I can set any property I like. This seems handy AND possibly risky. I haven't tried injecting anything, but maybe we should.	
Preferences	3		Get list sharing: allow others to share without consent			Y	User	PARTIAL		GET /user or GET /user/preferences.	Doesn't return 'Inform me by email of newly shared lists' and 'Inform me by email of newly shared lists' unless they are unchecked. These map to the params do_not_spam and hidden, but it's unclear which is which.	
Preferences	3		Get list sharing: email me when lists are shared			Y	User	PARTIAL		GET /user or GET /user/preferences. Doesn't return 'In	Doesn't return 'Inform me by email of newly shared lists' and 'Inform me by email of newly shared lists' unless they are unchecked. These map to the params do_not_spam and hidden, but it's unclear which is which.	
Preferences			Get Public name	432		Y	User	Y				
Preferences			Get Preferred Email Address	432		Y	User	Y				
Preferences			Get preferred Galaxy Instance	432		Y	User	Y				
Lists			Share a list			Y	User	Y		/LIST shares and /LIST invitations. I don't understand exactly what the differences are so it's hard to review. We can maybe convert to 'Y if we can clarify what the mean		
Lists			GET all personal lists			Y+N	User	Y		GET /lists		
Lists			CREATE list			Y+N	User	Y		POST /lists, POST /query/tolist		
Lists			EDIT/UPDATE list CONTENT			Y	User	Y		POST /lists/append or GET/POST /query/append/tolist		
Lists	?		EDIT/UPDATE list NAME		2034	Y	User	Y		GET or POST lists/rename	Review - TO DO	
Lists	2		EDIT/UPDATE list DESCRIPTION	439	2148	Y	User	Y	TESTED		possibly use PUT to modify list	
Lists	2		GET STATUS of non-current lists			Y	User	Y				
Lists	2		FIX non-upgraded lists			Y	User	Y	TO TEST			
Lists			EDIT/UPDATE list TAGS			Y	User	Y		GET or POST /query/append/tolist allows tags to be added		
Lists			-- Notify that the list needs to be upgraded (part of GET lists)			Y	User	Y		/GET/lists	"STATUS" attribute	
Lists			DELETE list			Y+N	User	Y	TESTED			
Templates			GET all templates user has			Y	User					
Templates			CREATE template from XML/JSON			Y	User					
Templates			EDIT/UPDATE template XML/JSON			Y	User					
Templates			EDIT/UPDATE template TAGS			Y	User	Y				
Templates			DELETE template			Y	User					
Templates			SHARE template									
Queries			GET all queries user has			Y	User					
Queries			CREATE query from XML/JSON			Y	User					
Queries			EDIT/UPDATE query XML/JSON			Y	User					
Queries			EDIT/UPDATE query TAGS	1764		Y	User	Y				
Queries			DELETE query			Y	User					
Queries			SHARE query			Y	User					
Query speed	4		Precompute			Y	SuperUser	N			Maybe this could be automatic? not all the templates need to be precompute. it requires some investigations	
Query speed	4		Summarise			Y	SuperUser	N			Maybe this could be automatic? or maybe not	
Model	4		Annotate with tags		2035	Y	SuperUser	N			This won't be needed an endpoint - see https://github.com/intermine/intermine/issues/2035	

1	ASAP	
2	next	
4	If we fancy it at some point	

Property name	Default file it's found in	which mine (if relevant)	Currently available via webservice?	Actually used anywhere?	Future plans	Script migration to BlueGenes?	Notes
Internationalisation	InterMineWebApp.properties	All	N		Replace with BlueGenes ws		If needed; wait for demand
funding	model.properties	All	N	Y	Please add InterMine ws		How to handle html in strings? :(
credits	model.properties	All	N	Y			
tiffin.description	model.properties	flymine?					
tiffin.bindingSite.description	model.properties	flymine?					
publication.pubmed	model.properties						
sequenceFeature.GBrowse.message	model.properties						
fasta.export.classes	model.properties						
exporter.galaxy.description	model.properties						
exporter.sequence.description	model.properties						
exporter.gff3.description	model.properties						
exporter.bed.description	model.properties						
credits = <a href="http://www.elixir-uk.org/" target="_blank"><img alt="An ELIXIR-UK resource" src="images/ELIXIR-U							

	Web service page	
	Implemented?	N
	Implemented?	Y
	Implemented?	PARTIAL
	Web properties audit	
	Already available via web service	Already available
	Not available; don't expose	Don't expose
	Not available; needs to be available	Please add InterMine ws
	Not available; replace with bluegenes config	Replace with BlueGenes ws

Do Templates ever need to be upgraded?	No						
Do Queries ever need to be upgraded?	No						
What permissions do 24 hour anon tokens give?	i thought they were the same as perm tokens, just not associated with an acct. is that not true						
How do I tell if a list is shared, and with whom?	use /lists/shares						
Lists, templates, queries: can we handle all via id or only name?	What do you want to do? AFAIK this wasn't a settled issue. Names (per user) have to be unique so why not use name?						
https://github.com/intermine/intermine/issues/1582	usernames for users						
https://github.com/intermine/intermine/issues/1650	upgrade anon sessions						
https://github.com/intermine/intermine/issues/2034	user changes a list name						
https://github.com/intermine/intermine/issues/1685	rankings - how to track?						