## **Final Year Project Definition Form**

Student's name	
Junaid Rasheed	
Course	
Computer Science	
Project title	
Evaluation of a Haskell Web Framework	
What is the project about?	
Comparing a Haskell Web Framework with a more trad	itional framework. The two
frameworks that will be compared are Yesod (Haskell) a	
similar to Twitter will be created with both frameworks	
compared. The comparisons will include differences in	
and whether type checking during compile time vs runti	
maintainability by comparing the ease of adding a new to	
of testing in both frameworks.	
What is the project deliverable?	
Two websites that are functionally identical, one develo	ned using Diango and the other
using Yesod. Then a report will be written comparing the	
safety, and possibly the scalability of both frameworks.	
advantages and disadvantages of making a website using	_
What is original about this project?	5
There has not been any detailed comparisons between a	Haskell Web Framework and a Web
Framework in a more traditional object oriented language	
will provide enough detail to people looking into using	-
them inform their decision.	w 22w01201
Timetable showing main stages in work plan	
End of October: Comfortable with Yesod and Djange	o create a simple website with both
frameworks. Create tests for the simple website.	o, ereate a simple weeste with eet
November: Start to create a simple Twitter clone in both	frameworks. Ensure tests are created
for new features. Debug any errors.	
End of January: Simple twitter clone finished, users can	n make posts, follow each other, make
'hashtags' (any word with a '#' preceding itself is li	
'hashtagged' word and looking up the word will show	
word in a paginated results view.). Tests created for all t	
End of February: Add a new feature. The feature that planned is a way to send private	
messages directly to other users. Users will have an area displaying all private messages ser	
and received and will be able to reply to other people'	1 0 0 1
and debug any bugs encountered.	5 114554 <b>9</b> 65. 1 144 46545 161 41115 164641
End of March: Record and resolve any bugs and error	rs in the framework ensure that each
framework has a sufficient number of unit tests and t	
frameworks, with a focus on speed, reliability, and safet	
April: Begin and finish the Final Project report, prepare	•
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Student's signature	Data
Student's signature	Date
Supervisor's signature	Date