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 References: - N/A

Our graph is a collection of locations placed across campus, and Dunkin Donuts. We chose the nodes based on places we frequent as Smith students. The edges on our graph are the paths between locations. The weights are the time (in minutes and seconds) it takes to get from the front entrance (or another common entrance) of one building to another. We will be looking for the shortest path to get from one location on our graph to another, favoring the shortest time. The minimum weight in our graph is 10 seconds, the time to walk between Northorp and Gillett, and our maximum weight is 13 minutes and 7 seconds, the time to walk between Duckett and Dunkin Donuts. Our graph is undirected, with the reasoning that for any path from location A to location B on Smith campus, there is also an identical path from B to A.

TESTS

START NODE	END NODE	SHORTEST PATH	TOTAL TIME
'chase'	'sage hall'	['chase', 'duckett', 'neilson', 'ford', 'sage hall']	8 minutes and 22 seconds
'chapin'	'tyler'	['chapin', 'wright hall', 'neilson', 'tyler']	4 minutes and 38 seconds
'king'	'dunkin donuts'	['king', 'scales', 'campus center', 'jmg', 'northrop', 'gillett', 'lamont', 'talbot', 'dunkin donuts']	18 minutes and 59 seconds
'dunkin donuts'	'chase'	['dunkin donuts', 'talbot', 'lamont', 'chase']	12 minutes and 57 seconds
'king'	'ford'	['king', 'scales', 'campus center', 'chapin', 'wright hall', 'neilson', 'ford']	9 minutes and 30 seconds
'rugby pitch'	'king'	['rugby pitch', 'tyler', 'scales', 'king']	12 minutes and 12 seconds
'sage hall'	'king'	['sage hall', 'tyler', 'scales', 'king']	9 minutes and 26 seconds
'king'	'cutter'	['king', 'scales', 'ziskind', 'cutter']	6 minutes and 24 seconds
'king'	'chapin'	['king', 'scales', 'campus center', 'chapin']	5 minutes and 46 seconds

EDGES (undirected)

START	END	TIME (min:sec)
Ford	Sage	2:19
Ford	Neilson	2:15
Sage	Tyler	1:25
Tyler	Rugby pitch	4:11
Tyler	Neilson	3:09
Tyler	Scales	6:54
Neilson	Wright	0:42
Neilson	Hatfield	1:10
Wright	Hatfield	1:16
Wright	Chapin	0:47
Hatfield	JMG	0:43
Chapin	Campus Center	0:47
Campus Center	JMG	0:53
Campus Center	Scales	3:52
JMG	Northrop	1:04
Northrop	Gillett	0:10
Northrop	Cutter	1:45
Gillett	Lamont	1:12
Gillett	Chase	1:19
Chase	Duckett	0:37
Duckett	Dunkin Donuts	13:07
Chase	Lamont	2:16
Lamont	Cutter	2:10
Lamont	Talbot	0:53
Talbot	Dunkin Donuts	9:48

Talbot	Capen	0:50
Capen	Cutter	2:27
Cutter	Ziskind	1:12
Ziskind	Scales	4:05
Scales	King	1:07
Duckett	Neilson	3:11
Duckett	Ford	5:30

Academic and Administrative Buildings

- 8 College Lane
- 10 Prospect Street (faculty offices)
- 21 Henshaw Avenue (Kahn Liberal Arts Institute)
- 25B Henshaw Avenue (offices; student activities)
- 30 Belmont Avenue (college administration)
- 40 Green Street
- 47 Belmont Avenue (faculty offices)
- 76 Elm Street (development office)
- 138 Elm (faculty offices)
- 146 Elm (Wurtzel Center for Leadership)
- Admission Office
- Ainsworth Gymnasium
- Alumnae Gymnasium
- Alumnae House (alumnae relations; development office)
- Bass Hall (science)
- Boathouse
- Brown Fine Arts Center
 - Graham Hall (lecture hall)
 - Hillyer Hall (art department) and Hillyer Art Library
 - Museum of Art
- Burton Hall (science)
- Campus Center (bookstore; cafe; mail center)
- Campus Safety
- Capen Annex (Design Thinking, student organizations)
- Clark Hall (college administration)
- College Hall (college administration)
- Conference Center
- Crew House (dance studio)
- Davis Center (Mwangi Cultural Center)
- Dawes House (gluten-free kitchen, college administration)
- Dewey Hall (faculty offices)
- Drew Hall (Lazarus Center for Career Development)
- Facilities Management
- Field House
- Ford Hall (science and engineering)
- The Gables (faculty offices)
- Garrison Hall (public affairs, college relations)
- Gill Hall
- Hatfield Hall (languages)
- Helen Hills Chapel
- Henshaw Complex (faculty offices, Center for Media Production)
- Indoor Track and Tennis Facility
- John M. Greene Hall (auditorium)
- Lilly Hall (School for Social Work offices)
- Lyman Plant House and Conservatory
- McConnell Hall (science)
- Mendenhall Center for the Performing Arts
 - Berenson Dance Studios
 - Hallie Flanagan Studio Theatre
 - Josten Library for the Performing Arts
 - Theatre 14
- Morgan Hall (education)
- Museum of Art
- Neilson Library
- Parking Garage
- Pierce Hall (faculty offices)
- President's House
- Sabin-Reed Hall (science)
- Sage Hall (music)
 - Earle Recital Hall
 - Sweeney Concert Hall
- Scott Gymnasium
- Schacht Center for Health and Wellness
- Seelye Hall (classrooms; faculty offices; Jacobson Center; Spinnell Center)
- Stoddard Hall and Annex (college administration)
- Tilly Hall (faculty offices)
- Tyler Annex (faculty offices)
- Unity House (multicultural center)
- Wright Hall (classrooms; faculty offices)
 - Centers for Engagement, Learning and Leadership
 - Leo Weinstein Auditorium
 - Bottelle-Day Poetry Center
- Young Library (central library services, special collections)

Student Residences

Albright House	D8	Lamont House
Baldwin House	D9	Lawrence House
Capen House	B8	Morris House
Chapin House	D6	Morrow House
Mary Ellen Chase House	D8	Northrop House
Comstock House	B3	150 Elm Street
Conway House	C9	Park Annex
Cushing House	B3	Park House
Cutter House	C7	Parsons Annex
Eleanor Duckett House	D8	Parsons House
Ellen Emerson House	B3	Laura Scales House
54 Green Street	F6	Sessions Annex
44 Green Street	F6	Sessions House
Friedman Complex	C2	Talbot House
Gardiner House	A3	Tenney House
Gillett House	D8	Tyler House
Haven House	C6	Washburn House
Hopkins House	C6	Wesley House
Hubbard House	F7	Wilder House
Jordan House	A4	Martha Wilson House
Franklin King House	A4	Ziskind House

 Visitor and Permit Parking (visitor parking is permitted 5 p.m.-7 a.m. in all white-lined spaces)

